

TÜRKİYE CÜMHURİYETİ

MAARİF VEKİLLİĞİ

İSTANBUL KANDİLLİ RASATHANESİ

1937

(Nisan, Mayıs, Haziran)

Meteoroloji, Sismoloji ve Miknatis Rasatları

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1939

İSTANBUL

DEVLET BASIMEVİ

C/ev
I876

I — Meteoroloji (Météorologie)

Cetvel, grafik ve işaretlerin izahları 5 numaralı mecmuada bulunduğundan tekrar azılmasına lüzum görülmemiştir.

Hadiselerin aylık seyirleri

NİSAN

Tazyik — Birinci gün sabahtan itibaren düşmeğe başlıyan barometre saat 16 dan sonra grenler yapmış, ikinci gün saat 4 te 756.5 mm. asgari kıymetini almış ve grenlerine devam ederek 3 üncü gün öğle üzeri 760.8 mm. ye çıkmıştır. Bundan sonra tabii seyrine vdet etmiş, 5 inci gün akşamı 754 mm. asgari kıymetinden geçerek 7 nci gün saat 21 de yin mutlak azamisi olmak üzere (766.8) mm. ye çıkmış, 11 inci gün akşamına kadar 761 e 764.5 mm. arasında devam etmiştir. 12 nci gün düşmeğe başlamış, saat 20 ile 24 arasında küçük grenler yapmış, 13 sabahı 754.3 mm. asgariden geçmiş, 14 üncü gün sabahı 763.8 mm. ye kadar çıkmışsa da tekrar düşmüş, 15 inci gün akşamı saat 20/30 da ayın mutlak asgarisini teşkil etmek üzere (752.5) mm. olmuş ve 18 inci güne kadar 753 ile 755 mm. arasında oldukça muntazam devam etmiştir. 18 inci gün 4 ten itibaren yavaş yavaş yüklerle 20 nci gün 761 mm. ye çıkmışsa da tekrar düşmüş, 21 inci gün saat 3 civarında 757 mm. olmuş ve bundan sonra ertesi gün akşamına kadar küçük grenler yamış, 25 inci güne kadar 755,5 ile 759 mm. arasında hemen hemen gayrimütehavvil devam etmiştir. 26 nci gün 760.5 mm. ye kadar çıkmış, 27 nci gün sabah 756.3 mm. asgarisinden geçerek akşam 760 mm. olmuş ve 28 inci gün sabahına kadar muntazam gitmiş, sonra hafif surette düşerek 29 sabahı 754.6 mm. asgari kıymeti almış, bilâhara yükselerek 30 üncü gün sabahı 761 mm. ye çıkmış ve bu civarda muntazam seyir etmiştir. Nihai udul 14.3 mm. dir.

Bu ayın vasatısı 758.9 mm. olup nâzımı (normal) [760.1 mm.] den 1.2 mm. eksiktir. 26 yıllık rasatlarda bu aydaki vasatilerin azamisi 1914 te 763.2 mm. ve asgarisi de 1930 da 758.3 mm. dir.

Hararet derecesi — Bu ayın mutlak azamisi 15 inci gün saat 20/20 de 28°.2, mutlak asgarisi de 11 inci gün saat 5/20 de 2°.5 olup nihai udul 25°.7 dir. Bu ayın vasatısı 12°.0 olup nâzımı (normal) [11°.5] ten 0°.5 fazladır. Bu ayın azamiler vasatısı 16°.2 dir ki nâzımı [16°.1] den 0°.1 fazla, asgariler vasatısı de 8°.3 tür ki nâzımı [7°.6] dan 0°.7 fazladır. 26 yıllık rasatlarda bu ay için mutlak azami olarak 1926 nci yılı 26 nci gün 30°.0 ve mutlak asgari olarak ta 1923 üncü yılı 4 üncü gün —1°.6 görülmüştür.

Nisbi rutubet — Bu ayın asgari rutubeti 15 inci gün saat 12/30 da % 18 dir. Bu ayın vasatısı %74 olup nâzımı [%71] den %3 fazladır. 26 yıllık rasatlarda bu aydaki vasatilerin azamisi 1918 yılı %82, asgarisi de 1933 yılı %59 dur.

Teressübat — Cetvelinde 13 gün yağmurlu görünüyorsa da biri 0.1 ikisi 0.2 ve biri 0.3 mm. olmak üzere çok ehemmiyetsizdir. Bu ay toplanan yağmur miktarı 66.8 mm. olup nâzımı [40.4 mm.] den 26.4 mm. fazladır. 1918, 1919 ve 1924 yıllarında sırasıyla 12.3, 13.0 ve 13.3 mm. olmak üzere az yağmurlu nisan aylarına tesadüf edilmiştir. 1912, 1922 yıllarında da sırasıyla 104.3, 75.2 mm. olmak üzere çok yağmurlu nisan ayları görülmüştür. Bu aydaki yağmur miktarının 26 yıllık teressübat içinde 3 üncü olmak üzere çok olduğu görülmektedir.

Şiddetli ve sürekli yağışlar

Gün	Miktarı	Zaman ve müddeti		Vasatî şiddeti	Azamî şiddeti	Azamî şiddetin müddet ve zamanı	
	m. m.	h/m ilâ h/m		mm / min.	mm / min.	h/m ilâ h/m	
5-6	29.3	9/30 —	9/30	0.02	0.43	9/38 —	9/44
17	9.9	3/30 —	8/00	0.04	0.16	6/50 —	7/20
	3.6	10/50 —	11/50	0.06	0.30	10/58 —	11/00
21	12.5	8/40 —	23/10	0.02	0.50	8/40 —	8/42
						22/30 —	22/32

Fırtınalı günler: (*)

Gün	Devam fasılası		Azamî sür'atı	Ciheti
	h/m	h/m	m/s	
1-2	15/00 —	7/00	16	NEE—NNE
15	19/15 —	20/30	15	SE
25	17/20 —	17/40	14	SWW

Toprağın hararet derecesi — Tahavvüller her aydakinin aynıdır. Bir metrede ay başında 12°4 iken sukutuna devam etmiş 12 ve 13 üncü günler 11°3 olmak üzere asgariden geçmiş ay sonuunda 13°8 olmuştur. İki metre derinliğindeki ay başında 11°8 iken çok batı surette yükselmeğe başlamış ve ay sonunda 12°5 olmuştur.

MAYIS

Tazyik — Birinci gün saat 10 dan itibaren düşerek ve saat 15 ile 22 arasında ufa grenler yaparak 12 gecesi saat 24/15 te ayın mutlak asgarisi olmak üzere (754.0) mm. olmuş, ikinci gün saat 6 dan itibaren yükselerek 3 üncü gün saat 10 da 763.3 mm. azamî sinden gemiş ve aynı gün akşamı 760 mm. ye düşmüştür. 5 inci gün sabahına kadar 75 ile 760.2 mm. arasında seyir ettikten sonra düşmeğe başlamış, 5-6 gecesi asgarî 755.5 mm. olmak üzere 3 çanak yapmış ve sonra yevmî tahavvüllerini yapmak suretile çok basurette yükselerek 13 üncü gün saat 10/15 te 765.6 mm. azamîsinden geçmiş, 19 sabah 758.4 mm. ye düşmüşse de tekrar yükselerek 20 nci gün 762.8 mm. olmuş ve 30 uncu güne kadar 760 ile 764 mm. arasında devam etmiştir. 30 uncu gün saat 14 ten itibaren yükselmeğe başlayarak 31 inci gün saat 21/15 te (767.6) mm. olmak üzere ayın mutlak azamîsini yapmıştır. Nihai udul 13.6 mm. dir.

Bu ayın vasatîsi 761.7 mm. olup nâzîmî [760.3 mm.] den 1.4 mm. fazladır. 26 yıllık rasatlarda bu aydaki vasatîlerin azamîsi 1917 yılı 762.9 mm., asgarîsi de 1936 yılı 758.0 mm. dir.

Hararet derecesi — Bu ayın mutlak azamîsi 21 inci gün saat 13/45 ve 27 inci gün saat 14/15 te 24°8, mutlak asgarîsi de 3 üncü gün saat 2/30 da 7°2 olup nihai udul 17°2 dir. Bu ayın vasatîsi 15°3 olup nâzîmî [15°5] ten 0°2 eksiktir. Bu ayın azamîler vasatîsi 19°8 dir ki nâzîmî [20°1] den 0°3 eksik, asgarîler vasatîsi de 11°2 dir ki nâzîmî [11°6] den 0°4 eksiktir. 26 yıllık rasatlarda bu ay için mutlak azamî olarak 1928 yılı 19 uncu gün 33°8 ve mutlak asgarî olarak ta 1915 yılı 8 inci gün 3°0 görülmüştür.

Nisbî rutubet — Bu ayın asgarî rutubeti 13 üncü gün saat 13/15 te % 30 dur. Bu ayın vasatîsi %79 olup nâzîmî [%74] ten %5 fazladır. 26 yıllık rasatlarda bu aydaki vasatîlerin azamîsi 1920 yılı % 83, asgarîsi de 1932 yılı % 62 dir.

Teressübat — Cetvelinde görüldüğü üzere yalnız 3 gün yağışlı geçmiştir. 6 nci gün sabahı saat 1 den gece 23 e kadar sürekli yağın yağmurun miktarı 20.8 mm., vasatî şiddet dakikada 0.02 mm. azamî şiddeti de saat 1/45 ile 3/30 arasında olup dakikada 0.07 mm. dir. Diğer iki gündeki yağmurlarla bu ay içindeki miktarı 24.3 mm. olmuştur ki nâzîmî [41.7 mm.] den 17.4 mm. eksiktir. 1926, 1918 ve 1912 yıllarında sırasıyla 1.1, 1.4 ve 6.4 mm. olmak üzere az yağmurlu mayıs aylarına tesadüf edilmiştir. 1919, 1933 ve 1925 yıllarında da sırasıyla 166.7, 115.9 ve 110.8 mm. olmak üzere çok yağmurlu mayıs ayları da kaydedilmiştir.

(*) Rüzgârın sür'atı 13 metreyi tecavüz ederse o gün fırtınalı gün itibar olunur.

Fırtınalı günler: (*)

Gün	Devam fasılası		Azamî süratı	Ciheti
	h/m	h/m	m/s	
28	9/00 — 18/45		14	NE
31	7/15 — 11/00		15	NE, NNE

Toprağın hararet derecesi — 5, 10, 20 ve 50 cm. derinliktekilerin tahavvülü her ayda-kinin aynıdır. Bir ve iki metre derinliktekiler mevsim seyrine uyarak yükselmelerine devam etmişlerdir. Bir metredeki ay başında 13°8 iken ay sonunda 17°4, iki metredeki ay başında 12°5 iken ay sonunda 14°5 olmuştur.

HAZİRAN

Tazyik — Yevmi tahavvüllerini yapmak üzere düşmekte olan barometre 3 üncü gün sabahı 759.4 mm. asgariden geçerek tedrici surette yükselmeğe başlamış, 7 nci gün saat 11 de (769.2) mm. olmak üzere ayın mutlak azamisinden geçmiş, sonra hafif surette düşerek 13 üncü sabahı 760 mm. olmuş ve ay sonuna kadar 763 ile 757 mm. arasında tahavvül etmek üzere oldukça muntazam devam etmiştir. Ayın mutlak asgarisi 27 nci gün saat 17/45 te (756.7) mm. ve nihai udul 12.5 mm. dir.

Bu ayın vasatısı 761.6 mm. olup nâzımı [759.9 mm.] den 1.7 mm. fazladır. 26 yıllık rasatlarda bu aydaki vasatilerin azamisi 1923 yılı 766.3 mm., asgarisi de 1933 yılı 757.2 mm. dir.

Hararet derecesi — Bu ayın mutlak azamisi 30 uncu gün saat 13/45 te 34°0, mutlak asgarisi de 2 nci gün saat 4/15 te 8°9 olup nihai udul 25°1 dir. Bu ayın vasatısı 20°5 olup nâzımı [20°1] den 0°4 fazladır. Bu ayın azamiler vasatısı 25°1 dir ki nâzımı [24°8] den 0°3 fazla ve asgariler vasatısı de 15°1 dir ki nâzımı [15°6] dan 0°5 eksiktir. 26 yıllık rasatlarda bu ay için mutlak azamî olarak 1912 yılı 14 üncü gün 38°9 ve mutlak asgari olarak ta 1933 yılı 6 ıncı gün 8°3 görülmüştür.

Nisbî rutubet — Bu ayın asgarî rutubeti 30 uncu gün saat 13/45 te %16 dir. Bu ayın vasatısı %67 olup nâzımı [%71] den %4 eksikdir. 26 yıllık rasatlarda bu aydaki vasatilerin azamisi 1914 yılı %81, asgarisi de 1926 yılı %83 tür.

Teressübat — Bu ay yalnız bir gün (3 üncü gün saat 8/25 ile 10/00 arasında) 2.0 mm. yağmur yağmıştır ki nâzımı [35.7 mm.] den 33.7 mm eksiktir. 1927, 1916 ve 1912 yıllarında sırasıyla 0.0, 3.1 ve 3.2 mm. olmak üzere az yağmurlu haziran aylarına tesadüf edilmiştir ki bu seneki 26 yıl içinde asgarî bakımdan ikinciliği teşkil etmektedir. 1924, 1914 ve 1931 yıllarında sırasıyla 161.7, 82.8 ve 77.3 mm. olmak üzere çok yağmurlu haziran ayları da görülmüştür.

Fırtınalı günler: (*)

Gün	Devam fasılası		Azamî süratı	Ciheti
	h/m	h/m	m/s	
22	12/45 — 19/00		14	NNE, NE
23	8/15 — 16/30		15	NE

Toprağın hararet derecesi — 5, 10, 20 ve 50 cm. derinliktekilerin tahavvülü her ayda-kinin aynıdır. 1 ve 2 metredekiler de mevsim seyrine uyarak yükselmelerine devam etmişlerdir. Bir metredeki ay başında 17°3 iken ay sonunda 20°2, iki metredeki ay başında 14°6 iken ay sonunda 16°5 olmuştur.

(*) Rüzgârın sür'ati 13 metreyi tecavüz ederse o gün fırtınalı gün itibar olunur.

Tarih — Date Tarih	Barometre (O° ye ve S.V.B.) 700 mm + ...				Hararet derecesi C° Température						Buhar tevettürü Tension de la vap. mm.				Nisbî rutubet % Humidité relat.				Aktinom C°		Güneş azamî Max. noir	Teşemmüs Insolation
	7	14	21	Vas. Moy.	7	14	21	Vas. Moy.	Az. Max	As. Min	7	14	21	Vas. Moy.	7	14	21	Vas. Moy.	Beyaz Blanc	Siyah Noir	Güneş azamî Max. noir	Teşemmüs Insolation
	7	14	21	Vas. Moy.	7	14	21	Vas. Moy.	Az. Max	As. Min	7	14	21	Vas. Moy.	7	14	21	Vas. Moy.	Beyaz Blanc	Siyah Noir	Güneş azamî Max. noir	Teşemmüs Insolation
1	62.2	61.4	59.9	61.2	8.1	9.3	8.6	8.7	10.0	7.4	6.51	7.02	7.11	6.88	82	81	85	83	13.8	15.8	24.0	0.0
2	56.6	58.4	56.9	57.3	8.5	8.3	7.7	8.2	9.6	7.7	7.91	8.19	7.41	7.84	92	100	94	95	11.1	12.2	22.8	0.0
3	59.6	59.8	61.1	60.2	7.5	11.1	7.5	8.7	12.3	6.8	7.31	7.23	6.54	7.03	94	73	84	84	29.6	39.2	46.2	6.0
4	60.0	57.8	57.5	58.4	8.1	12.4	9.5	10.0	14.6	8.0	7.29	8.12	8.00	7.80	90	75	90	85	24.8	31.6	40.2	0.3
5	55.4	54.4	54.9	54.9	11.6	9.7	7.7	9.7	12.8	7.4	8.67	8.76	7.75	8.39	83	97	97	92	11.8	15.4	24.0	0.0
6	56.5	58.2	61.3	58.7	6.8	6.7	6.1	6.5	7.6	5.5	7.17	6.26	6.83	6.75	97	85	97	93	16.2	21.5	26.9	0.0
7	63.9	65.5	66.8	65.4	5.9	8.8	5.0	6.6	10.6	4.7	6.31	5.45	4.10	5.29	91	64	63	73	21.4	28.3	44.3	5.0
8	65.7	64.9	64.9	65.2	5.0	9.7	6.1	6.9	10.0	4.0	4.20	5.02	5.15	4.79	65	55	73	64	26.8	36.8	45.0	10.7
9	63.2	63.2	63.5	63.3	6.6	7.2	6.2	6.7	7.8	6.2	5.79	6.07	6.55	6.14	79	80	92	84	11.0	13.2	15.0	0.0
10	61.5	62.0	62.0	61.8	6.5	8.6	5.2	6.8	9.8	4.2	5.12	5.35	4.67	5.05	70	64	70	68	15.4	19.0	41.1	5.4
1 inci onluk	60.5	60.6	60.9	60.6	7.5	9.2	7.0	7.9	10.5	6.2	6.63	6.75	6.41	6.60	84	77	95	82	18.2	23.3	32.9	27.4
11	63.6	63.8	63.2	63.5	4.7	11.3	8.3	8.1	12.0	2.5	5.27	4.29	3.54	4.37	82	42	43	56	28.0	38.0	48.8	10.1
12	61.6	60.5	56.0	59.4	9.0	17.1	15.2	13.8	18.2	8.3	5.00	8.23	8.20	7.14	59	57	64	60	29.4	36.4	47.0	4.0
13	56.8	61.6	63.7	60.7	9.9	10.1	8.4	9.5	17.0	8.0	84.0	8.52	8.01	8.31	92	92	97	94	16.8	20.1	45.4	3.1
14	63.8	62.3	60.4	62.2	7.9	12.5	12.2	10.9	15.4	7.0	7.63	8.55	6.92	7.70	97	79	65	80	23.2	28.9	43.4	1.4
15	58.6	55.8	54.2	56.2	16.7	23.5	20.0	20.1	28.2	7.7	7.19	7.00	5.87	6.69	49	31	34	38	28.0	31.2	40.7	1.2
16	53.9	54.0	55.1	54.3	16.5	21.0	14.2	17.2	21.6	12.7	8.20	7.79	8.29	8.09	58	42	68	56	38.4	48.8	52.2	4.1
17	53.5	53.4	53.8	53.6	10.8	12.2	11.1	11.4	14.8	10.2	9.56	9.97	9.75	9.76	98	94	98	97	19.1	22.9	37.5	0.7
18	53.3	53.9	55.7	54.3	12.5	14.9	11.6	13.0	16.6	10.0	9.30	9.92	8.47	9.23	86	79	83	83	27.0	34.2	52.5	8.5
19	57.8	59.1	58.5	58.5	12.0	14.6	11.9	12.8	15.6	10.0	96.0	8.81	7.22	8.54	91	71	69	77	30.2	39.4	46.7	4.5
20	60.6	59.8	58.4	59.6	12.6	20.6	15.4	16.2	22.2	9.8	8.00	7.75	8.47	8.07	73	43	65	60	35.0	43.4	51.1	8.2
2 inci onluk	58.4	58.4	57.9	58.2	11.3	15.8	12.8	13.3	18.2	8.6	7.82	8.08	7.47	7.79	79	63	69	70	27.5	34.3	46.5	45.8
21	56.7	56.9	57.8	57.1	14.5	13.1	12.0	13.2	15.5	9.4	8.23	8.69	8.11	8.34	66	77	77	73	17.0	19.8	47.5	2.1
22	57.8	56.8	56.6	57.1	12.4	18.8	14.9	15.4	19.2	11.0	7.64	8.96	8.13	8.24	71	54	64	63	31.8	39.9	51.6	5.3
23	55.6	56.7	57.3	56.5	15.0	16.2	12.7	14.6	18.9	11.1	7.69	10.90	7.94	8.84	60	79	72	70	25.7	31.4	48.8	1.2
24	57.5	57.5	58.8	57.9	11.7	16.9	11.5	13.4	17.0	10.2	8.29	8.22	8.17	8.23	81	56	81	73	42.0	42.6	45.6	9.6
25	57.7	56.2	58.0	57.3	12.9	17.9	12.5	14.4	19.2	9.6	7.34	6.85	9.42	7.87	66	45	87	66	34.0	42.0	55.9	4.9
26	59.7	59.2	59.7	59.5	12.9	20.8	14.7	16.1	21.2	9.1	9.31	9.71	8.00	9.01	83	52	64	66	35.6	44.6	48.5	2.8
27	57.3	59.3	60.1	58.9	15.8	19.1	16.8	17.2	22.8	11.9	8.87	9.05	9.20	9.04	66	55	64	62	25.8	29.8	53.0	5.5
28	59.6	57.2	56.3	57.7	15.1	25.4	12.4	17.6	26.6	10.7	10.20	7.70	9.74	9.21	80	32	91	68	41.0	50.4	55.3	9.4
29	55.5	55.6	57.5	56.2	12.9	15.7	11.1	13.2	18.6	8.8	9.06	10.26	8.41	9.24	81	77	85	81	32.9	42.7	50.8	12.0
30	59.5	60.8	60.7	60.3	11.5	17.4	11.7	13.5	19.6	9.2	8.65	8.98	6.87	8.17	85	60	67	71	34.8	44.6	52.6	9.8
3 üncü onluk	57.7	57.6	58.3	57.9	13.5	18.1	13.0	14.9	19.9	10.1	85.3	89.3	84.0	86.2	74	59	75	69	32.1	38.8	51.0	62.6
Yekûn																						135.8
Aylık Vasatî	58.8	58.9	59.0	58.9	10.7	14.4	10.9	12.0	16.2	8.3	7.66	7.93	7.43	7.67	79	66	76	74	25.9	32.1	43.5	

Avril 1937

Tarih — Date	Rüzgâr — Vent																	Sahap Nuage	Yagmur Pluie	Kar Neige	Mülâhazat Remarques	
	Tekerrür — Nombre de fréquence								Tekessür [*]								Sürat m/s. Vitesse					
	N	NE	E	SE	S	SW	W	NW	N	NE	E	SE	S	SW	W	NW						Sakin
1	1	1	—	—	—	—	—	—	5	95	—	—	—	—	—	—	—	7.0	10.0	—	☐	
2	6	3	—	—	—	1	1	—	58	38	—	—	—	1	1	—	2	7.2	10.0	3.1	● ☐	
3	1	1	—	1	—	—	—	—	34	39	—	6	—	—	—	—	21	4.6	6.7	—	●	
4	1	3	3	—	1	1	—	—	5	9	17	—	1	18	—	—	50	1.1	9.7	—	●	
5	3	4	2	—	—	—	—	—	67	29	4	—	—	—	—	—	—	3.6	9.3	27.3	☐ ● *	
6	1	1	1	—	—	—	—	—	82	14	4	—	—	—	—	—	—	9.7	10.0	3.8	●	
7	2	—	1	1	—	—	—	—	95	—	3	2	—	—	—	—	—	5.7	7.7	—	●	
8	—	1	—	—	—	—	—	—	—	100	—	—	—	—	—	—	—	5.8	2.0	—	●	
9	—	1	—	—	—	—	—	—	—	100	—	—	—	—	—	—	—	6.8	10.0	0.6	●	
10	2	1	—	—	—	—	—	—	33	40	—	—	—	—	—	—	27	6.6	5.0	—	●	
inci nluk	17	16	7	2	1	2	1	—	379	464	28	8	1	19	1	—	100	5.8	8.0	34.8	●	
11	—	—	—	—	2	3	—	—	—	—	—	—	23	48	—	—	29	1.6	0.0	—	☐	
12	1	2	1	1	1	1	—	—	18	3	2	25	5	22	—	—	25	4.3	10.0	—	☐	
13	2	6	4	—	—	—	—	—	27	58	15	—	—	—	—	—	—	4.5	10.0	—	☐	
14	1	3	2	1	—	—	—	—	21	54	6	11	—	—	—	—	8	4.3	6.7	—	☐	
15	1	1	4	5	3	2	—	—	1	4	10	27	14	15	—	—	29	3.8	8.0	—	☐	
16	1	—	2	2	1	1	—	—	1	—	12	3	23	36	—	—	25	3.4	9.0	9.0	☐	
17	—	—	—	—	5	6	—	—	—	—	—	—	26	70	—	—	4	2.1	8.7	4.7	☐	
18	—	—	—	—	1	2	—	—	—	—	—	—	11	81	—	—	8	5.0	7.0	—	☐	
19	—	—	—	1	4	4	—	—	—	—	—	2	44	37	—	—	17	3.2	5.7	—	☐	
20	3	2	1	1	2	3	1	1	7	6	2	25	31	20	1	2	6	4.1	6.3	0.9	☐	
2inci nluk	9	14	14	11	19	22	1	1	75	125	47	93	177	329	1	2	151	3.6	7.1	14.6	☐	
21	1	—	—	1	5	4	1	1	5	—	—	28	41	16	4	4	2	5.8	9.0	12.5	☐	
22	—	—	—	—	4	4	—	—	—	—	—	—	61	39	—	—	—	4.1	6.7	0.3	☐	
23	—	—	—	—	9	9	—	—	—	—	—	—	38	62	—	—	—	5.1	9.0	0.4	☐	
24	—	—	—	—	5	5	—	—	—	—	—	—	58	42	—	—	—	5.3	4.0	—	☐	
25	—	1	1	1	3	3	2	1	—	1	7	3	20	43	2	1	23	4.7	6.7	2.1	☐	
26	—	—	1	6	8	3	—	—	—	—	1	33	45	13	—	—	8	2.1	8.3	2.1	☐	
27	—	2	2	1	2	3	2	—	—	9	23	2	14	29	15	—	8	2.7	3.3	—	☐	
28	6	6	1	2	1	1	—	—	34	28	3	3	1	8	—	—	23	3.3	2.7	—	☐	
29	6	5	—	—	—	—	—	—	62	34	—	—	—	—	—	—	4	3.4	3.3	—	☐	
30	3	5	5	2	—	1	1	3	24	27	27	8	—	1	2	5	6	4.2	5.7	—	☐	
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	☐	
üncü nluk	16	19	10	13	37	33	6	5	125	99	61	77	278	253	23	10	74	4.1	5.9	17.4	☐	
Yekûn	42	49	31	26	57	57	8	6	—	—	—	—	—	—	—	—	—	—	—	—	☐	
Aylık vasatı	—	—	—	—	—	—	—	—	19	23	5	6	15	20	1	—	11	4.5	7.0	—	☐	

(*) Bir gün zarfında her hangi bir cihetten esen rüzgârın devam müddetinin gün müddetine nisbetinin yüzdesi —
 Pourcentage de la proportion de la durée de chaque direction du vent à 24 h.

Tarih — Date Tarikh	Barometre (0° ye ve S. V. B.) 700 mm +				Hararet derecesi C° Température						Buhar tevettürü Tension de la vap. mm.				Nisbî rutubet % Humidiyé relat				Aktinom. C°		Güneşe azamî Max. noir	Teşemmis Insolation
	7	14	21	Vas. Moy.	7	14	21	Vas. Moy.	Az. Max	As. Min	7	14	21	Vas. Moy.	7	14	21	Vas. Moy.	Beyaz Blanc	Siyah Noir		
1	60.6	58.3	55.3	58.1	14.1	22.1	13.4	16.5	23.6	10.6	8.35	10.24	8.27	8.95	69	51	72	64	37.0	45.0	53.8	4.
2	56.8	60.3	61.8	59.6	12.3	14.9	10.5	12.6	16.7	9.5	8.17	9.54	9.24	8.98	76	76	97	83	32.0	41.8	49.1	11.
3	63.0	61.8	60.3	61.7	10.1	18.0	13.4	13.8	18.4	7.2	9.00	9.70	7.55	8.78	97	63	66	75	34.2	43.8	50.8	8.
4	59.6	60.0	59.8	59.8	10.5	13.6	10.6	11.6	14.9	9.4	9.37	8.65	7.99	8.67	98	74	84	85	31.2	40.6	52.5	6.
5	58.6	57.8	56.1	57.5	11.2	15.1	11.4	12.6	17.2	9.4	8.47	8.64	8.47	8.53	85	67	84	79	32.8	42.8	49.2	7.
6	56.8	58.4	57.9	57.7	11.3	11.9	11.2	11.5	12.5	10.4	9.29	10.15	9.82	9.75	99	98	98	98	14.2	15.4	29.7	0.
7	59.6	59.9	61.0	60.2	11.5	12.4	10.7	11.5	13.3	9.8	9.76	9.74	8.17	9.22	96	91	85	91	15.0	16.3	30.0	0.
8	61.9	62.8	63.3	62.7	11.3	14.1	9.0	11.5	15.7	7.7	7.81	6.63	7.20	7.21	78	55	84	72	30.1	39.0	48.9	7.
9	62.2	60.6	60.9	61.2	10.7	13.5	10.3	11.5	14.6	7.6	7.00	7.34	8.29	7.54	73	63	89	75	31.0	41.0	51.0	11.
10	60.6	60.7	61.5	60.9	11.1	14.7	11.1	12.3	16.5	8.2	8.77	8.75	9.19	8.90	89	70	93	84	24.7	29.9	50.6	8.
1 in i onluk	60.0	60.1	59.8	59.9	11.4	15.0	11.2	12.5	16.3	9.0	8.56	8.94	8.43	8.65	86	71	85	81	28.2	35.6	46.6	67.
11	62.9	62.8	63.5	63.1	12.4	16.5	11.9	13.6	17.6	8.9	9.61	8.46	9.65	9.24	90	60	93	81	33.6	43.2	50.4	10.
12	64.5	64.4	64.9	64.6	12.1	18.0	12.9	14.0	18.5	10.0	10.03	8.36	9.35	9.25	95	54	89	79	34.7	44.2	48.5	11.
13	65.2	63.9	64.1	64.4	10.1	20.5	13.1	14.6	22.3	7.8	9.24	8.36	10.73	9.44	100	46	95	80	37.0	46.4	51.3	11.
14	63.0	62.3	62.8	62.7	13.0	17.4	14.0	14.8	22.6	10.6	10.02	10.47	9.04	9.84	90	70	76	79	32.4	40.6	52.1	12.
15	63.8	63.2	63.9	63.6	13.5	19.2	13.9	15.5	20.6	11.5	10.11	9.55	10.79	10.15	87	57	91	78	35.5	45.0	50.5	11.
16	63.9	63.1	63.2	63.4	13.5	15.5	14.3	14.4	16.6	12.2	9.72	9.97	9.50	9.73	84	76	78	79	26.6	32.3	43.5	0.
17	62.4	61.7	61.2	61.8	13.6	16.8	13.3	14.6	19.0	12.0	9.92	9.73	10.36	10.00	85	68	91	81	27.0	32.4	48.5	2.
18	60.3	59.6	59.3	59.7	14.7	20.5	15.5	16.9	21.6	12.0	10.85	11.93	9.44	10.74	87	67	72	75	39.2	49.7	57.5	5.
19	59.0	59.1	60.0	59.4	15.9	20.1	16.1	17.4	22.6	10.6	11.78	10.28	10.82	10.96	87	58	79	75	31.2	37.8	51.5	2.
20	61.5	61.7	62.8	62.0	14.5	22.0	16.8	17.8	23.8	11.7	12.19	12.70	10.41	11.77	99	65	73	79	37.9	47.5	51.5	9.
2 in i onluk	62.7	62.2	62.6	62.5	13.3	18.7	14.1	15.4	20.5	10.7	10.35	9.98	10.01	10.11	90	62	84	79	33.5	41.9	50.5	78.
21	62.2	62.1	61.7	62.0	16.8	23.0	17.9	19.2	24.8	14.2	12.52	13.04	12.73	12.76	88	62	83	78	39.6	49.0	53.0	11.
22	62.3	61.7	62.1	62.0	16.1	21.0	15.8	17.6	21.6	14.3	11.80	11.48	11.40	11.56	86	62	87	78	40.6	47.8	57.4	10.
23	60.9	60.0	60.1	60.3	15.8	21.5	14.7	17.3	22.2	13.6	11.98	12.85	11.65	12.16	89	67	93	83	38.0	47.0	55.0	12.
24	61.6	61.8	62.7	62.0	15.2	20.7	15.5	17.1	22.8	13.6	12.47	13.01	12.02	12.50	97	71	91	86	37.6	46.8	55.2	7.
25	63.3	62.9	62.7	63.0	17.1	20.5	17.9	18.5	21.8	14.2	12.48	12.38	13.02	12.63	86	69	85	80	36.6	46.0	54.3	9.
26	63.0	63.1	63.4	63.2	16.2	23.0	19.2	19.5	24.4	14.4	13.74	12.74	13.75	13.41	100	61	83	81	37.2	45.3	58.7	9.
27	62.6	62.2	63.0	62.6	18.5	23.5	17.1	19.7	24.8	14.8	13.56	14.18	13.21	13.65	85	66	91	81	39.6	48.8	53.6	12.
28	62.8	62.8	63.3	63.0	17.9	20.9	15.3	18.0	22.0	13.6	12.88	12.44	10.35	11.89	84	68	80	77	37.4	40.6	53.7	11.
29	62.8	62.0	61.9	62.2	16.2	19.1	14.9	16.7	19.8	13.6	10.23	11.01	11.13	10.79	74	66	88	76	32.4	39.2	53.8	2.
30	60.9	62.0	63.8	62.2	16.7	19.8	16.9	17.8	21.0	12.6	12.00	10.74	13.61	12.12	84	63	95	81	34.6	43.4	55.0	10.
31	64.7	67.1	67.5	66.4	15.0	16.8	13.1	15.0	19.0	11.2	10.40	7.13	7.10	8.21	82	50	63	65	32.2	40.5	53.8	11.
3 in i onluk	62.5	62.5	62.9	62.6	16.5	20.9	16.2	17.9	22.2	13.6	12.19	11.91	11.82	11.97	87	64	85	79	36.9	44.9	54.9	109.
Yekûn																						255.
Aylık Vasatı	61.7	61.6	61.8	61.7	13.8	18.3	13.9	15.3	19.8	11.2	10.44	10.33	10.14	10.30	88	65	85	79	33.0	40.9	50.8	

Mâis 1937

Tarih — Date	Rüzgâr — Vent																	Sehâp—Nuage	Yağmur } den		Mülâhazat		
	Tekerrür — Nombre de fréquence							Tekessür [*]								Sûrat Vitesse m/s.	Yakınur } Pluie } 7 ye		Kar } Neige } 7 ye				
	N	NE	E	SE	S	SW	W	NW	N	NE	E	SE	S	SW	W					NW		Sakin	
1	3	5	3	2	—	—	—	—	27	53	6	8	—	—	—	—	6	3.7	3.7	—	3	● ● ●	
2	4	4	1	—	—	—	—	—	57	37	6	—	—	—	—	—	—	6.5	0.7	—			
3	2	2	4	2	—	—	—	—	58	9	20	7	—	—	—	—	6	3.9	3.3	—			
4	1	1	—	—	—	—	—	—	28	72	—	—	—	—	—	—	—	5.6	6.3	—			
5	2	2	1	—	—	—	—	—	41	57	2	—	—	—	—	—	—	5.6	6.3	11.1			
6	2	—	—	—	—	1	1	1	54	—	—	—	—	14	19	7	6	3.8	10.0	9.8			
7	1	1	—	—	—	—	—	—	25	75	—	—	—	—	—	—	—	4.3	10.0	1.3			
8	2	4	2	—	—	—	—	—	27	59	12	—	—	—	—	—	2	6.0	4.3	—			
9	1	—	—	—	—	—	—	1	80	—	—	—	—	—	—	1	19	5.3	0.7	—			
10	3	2	—	—	—	—	—	—	50	44	—	—	—	—	—	—	6	3.4	3.7	—			
1 inci onluk	21	21	11	4	—	1	1	2	45	41	5	1	—	1	2	1	4	4.8	4.9	22.2			
11	4	3	—	—	—	—	—	—	55	43	—	—	—	—	—	—	2	4.3	2.0	—	2		p p p p p
12	3	3	1	—	—	—	—	—	48	47	1	—	—	—	—	—	4	4.7	2.7	—			
13	6	11	6	—	—	—	—	—	39	44	17	—	—	—	—	—	—	3.9	3.3	—			
14	5	4	1	—	—	—	—	—	40	58	2	—	—	—	—	—	—	4.7	1.7	—			
15	2	3	1	—	—	—	—	—	38	58	4	—	—	—	—	—	—	5.4	1.3	—			
16	3	2	—	—	—	—	—	—	31	69	—	—	—	—	—	—	—	4.9	10.0	—			
17	1	1	1	—	—	—	—	—	36	10	16	—	—	—	—	—	38	3.5	6.7	—			
18	—	—	—	—	1	2	—	—	—	—	—	—	6	67	—	—	27	1.1	6.3	—			
19	—	—	—	—	2	1	—	—	—	—	—	—	—	72	5	—	23	1.5	5.0	—			
20	2	1	—	—	2	4	1	2	13	13	—	—	10	45	1	10	8	2.5	5.7	—			
2 inci onluk	26	28	10	—	3	8	2	2	30	34	4	—	2	18	1	1	10	3.7	4.5	—			
21	4	3	—	—	—	1	—	1	42	35	—	—	—	14	—	1	8	3.3	3.3	—	2	p p p p p	s s s s s
22	1	6	5	—	—	—	—	—	27	41	32	—	—	—	—	—	—	4.2	3.3	—			
23	1	1	—	—	—	—	—	—	14	84	—	—	—	—	—	—	2	5.2	3.3	—			
24	2	3	1	1	1	—	—	—	17	57	10	5	1	—	—	—	10	4.7	5.7	—			
25	1	1	—	—	2	1	1	1	2	6	—	—	21	15	4	4	48	2.5	3.0	—			
26	1	3	3	—	1	2	1	—	4	23	22	—	2	31	6	—	12	2.1	5.7	—			
27	1	2	1	—	—	—	—	—	14	67	19	—	—	—	—	—	—	5.2	0.0	—			
28	—	1	—	—	—	—	—	—	—	100	—	—	—	—	—	—	—	7.1	4.7	—			
29	1	3	2	—	—	—	—	—	12	84	4	—	—	—	—	—	—	5.2	10.0	—			
30	2	1	—	—	—	—	—	1	38	60	—	—	—	—	—	2	—	5.9	7.3	2.1			
31	2	4	1	—	—	—	—	—	19	67	12	—	—	—	—	—	2	7.4	8.0	—			
3 üncü onluk	16	28	13	1	4	4	2	3	17	57	9	1	2	5	1	1	7	4.8	4.9	2.1			
Yekûn Aylık Vasatı	63	77	34	5	7	13	5	7	30	44	6	1	1	8	1	1	8	4.4	4.8	24.3			

(*) Bir gün zarfında her hangi bir cihetten esen rüzgârın devam müddetinin gün müddetine nisbetinin yüzdesi —
 Pourcentage de la proportion de la durée de chaque direction du vent à 24 h.

Tarih — Date	Barometre (0° ye ve S. V. B.) 700 mm +				Hararet derecesi C° Température						Buhar tevettürü Tension de la vap. mm.				Nisbî rutubet % Humidité relat				Aktinom. C°		Güneşte azamî Max. nair	Teğemmüs Insolation
	7	14	21	Vas. Moy.	7	14	21	Vas. Moy.	Az. Max	As. Min	7	14	21	Vas. Moy.	7	14	21	Vas. Moy.	Beyaz Blanc	Siyah Noir		
1	66.2	65.4	64.6	65.4	12.5	17.9	12.6	14.3	18.8	10.0	7.82	7.24	8.00	7.69	72	47	73	64	34.2	43.4	57.2	11.7
2	63.0	60.8	60.0	61.3	13.5	19.5	15.9	16.3	21.0	8.9	8.46	8.54	8.56	8.52	73	51	63	62	36.0	45.4	50.6	12.5
3	60.3	60.9	62.1	61.1	16.9	21.3	18.1	18.3	24.0	13.8	10.08	13.58	13.95	12.54	70	72	90	77	34.4	41.6	57.8	1.8
4	63.8	63.6	65.3	64.2	18.1	21.0	17.1	18.7	23.6	15.0	13.65	13.14	13.50	13.43	88	71	93	84	37.2	46.6	57.5	8.9
5	66.1	65.8	66.1	66.0	18.1	21.1	16.5	18.6	21.8	14.7	12.46	11.87	11.98	12.10	80	64	85	76	37.6	46.8	53.4	9.9
6	65.3	64.9	66.5	65.6	18.1	25.9	17.7	20.6	26.0	13.6	11.89	5.85	14.48	10.74	77	23	96	65	41.8	50.4	56.0	13.2
7	68.0	68.8	68.9	68.6	18.3	20.8	15.4	18.2	22.0	13.3	7.52	6.96	11.52	8.67	48	37	88	58	37.0	46.3	52.1	13.1
8	67.7	67.1	66.3	67.0	16.9	20.8	15.9	17.9	22.4	11.7	10.91	9.01	11.50	10.47	75	49	85	70	37.3	46.8	54.8	13.1
9	64.8	65.1	65.4	65.1	17.7	20.5	15.7	18.0	22.4	12.8	9.88	9.05	10.26	9.73	65	51	77	64	37.6	46.9	52.8	13.3
10	63.7	63.6	63.7	63.7	16.9	23.7	18.1	19.6	26.2	13.1	12.02	8.28	14.55	11.62	83	38	94	72	38.4	47.8	55.5	13.2
1 inci onluk	64.9	64.6	64.9	64.8	16.7	21.3	16.3	18.1	22.8	12.7	10.47	9.35	11.83	10.55	73	50	84	69	37.2	46.2	54.8	11.07
11	64.0	64.2	63.5	63.9	18.4	23.3	16.3	19.3	24.2	14.2	11.71	8.81	10.98	10.50	75	42	79	65	39.8	49.2	56.2	13.3
12	62.8	61.8	60.7	61.8	18.6	24.2	19.9	20.9	25.8	13.8	12.76	11.25	10.82	11.61	80	50	63	64	39.6	49.0	55.8	12.9
13	60.4	60.9	60.9	60.7	19.7	28.0	22.0	23.2	28.6	16.8	12.40	12.00	11.34	11.91	73	43	57	58	42.8	51.9	54.8	12.6
14	61.2	60.3	59.7	60.4	21.5	29.1	24.5	25.0	31.4	17.5	10.89	9.27	10.30	10.15	57	31	45	44	43.8	52.8	57.8	12.4
15	60.7	60.8	62.4	61.3	22.1	26.3	19.9	22.8	27.0	18.0	17.00	14.01	14.25	15.09	86	55	82	74	41.9	50.8	55.5	11.5
16	62.4	61.4	60.8	61.5	19.7	24.3	17.9	20.6	25.2	16.2	12.85	11.19	12.58	12.21	75	50	82	69	40.0	48.6	54.8	13.1
17	60.0	59.5	59.3	59.6	19.2	22.4	17.8	19.8	23.2	15.2	12.85	13.56	15.04	13.82	78	67	99	81	38.6	47.6	57.3	12.6
18	60.4	60.3	61.0	60.6	19.1	22.6	17.7	19.8	23.8	16.0	13.50	13.28	13.89	13.56	82	65	92	80	38.6	47.8	55.5	12.9
19	61.4	61.4	61.7	61.5	19.2	23.6	17.6	20.1	24.8	15.4	12.11	10.09	11.47	11.22	73	46	76	65	40.0	48.8	56.0	13.1
20	60.5	59.1	59.2	59.6	20.1	25.3	19.0	21.5	26.6	15.9	13.06	11.05	10.78	11.63	74	45	66	62	41.2	49.8	58.5	13.2
2 inci onluk	61.4	61.0	60.9	61.1	19.8	24.9	19.3	21.3	26.1	15.9	12.91	11.45	12.14	12.17	75	49	74	66	40.6	49.6	56.2	12.76
21	58.3	58.0	58.8	58.4	20.7	26.0	18.3	21.7	26.8	16.1	13.63	10.64	14.59	12.95	75	42	93	70	41.2	50.0	56.3	13.1
22	59.1	58.9	58.8	58.9	19.2	22.7	19.1	20.3	24.4	15.8	12.70	11.68	12.17	12.18	77	57	74	69	36.2	43.0	60.0	12.5
23	59.4	59.8	60.5	59.9	21.1	24.0	18.7	21.3	25.2	17.9	12.32	8.39	10.96	10.56	66	38	68	57	39.4	47.8	60.1	13.2
24	60.4	60.1	59.9	60.1	21.0	23.7	19.1	21.3	25.4	16.4	12.69	11.24	14.58	12.84	68	51	88	69	39.4	48.0	59.0	12.7
25	59.5	59.0	59.5	59.3	19.9	24.3	18.4	20.9	25.4	15.9	14.57	10.73	13.02	12.77	84	47	83	71	40.2	48.8	55.5	13.1
26	59.2	58.7	58.6	58.8	19.5	23.4	19.8	20.9	24.0	15.9	14.34	13.92	13.55	13.94	85	65	79	76	40.0	49.0	55.0	12.4
27	57.9	57.3	57.2	57.5	20.1	23.6	19.0	20.9	24.4	16.0	14.60	13.96	14.33	14.30	83	64	87	78	39.7	48.2	56.1	13.0
28	57.7	57.5	58.5	57.9	21.0	25.5	20.9	22.5	26.0	17.4	14.39	12.84	15.08	14.10	78	53	82	71	41.2	49.6	54.5	12.5
29	59.9	60.0	60.1	60.0	20.9	28.2	23.0	24.0	28.9	16.8	16.05	9.03	7.57	10.88	87	32	36	52	43.7	52.0	56.1	12.9
30	60.1	59.0	57.7	58.9	23.4	33.0	24.9	27.1	34.0	19.1	7.89	8.39	9.32	8.53	36	22	40	33	47.4	55.4	60.0	12.0
3 üncü onluk	59.2	58.8	59.0	59.0	20.7	25.4	20.1	22.1	26.5	16.7	13.32	11.08	12.52	12.30	74	47	73	65	40.8	49.2	57.3	12.74
Yekûn Aylık Vasatı	61.8	61.5	61.6	61.6	19.0	23.9	18.6	20.5	25.1	15.1	12.23	10.63	12.16	11.67	74	49	77	67	39.5	48.3	56.1	13.657

uin 1937

Tarih — Date	Rüzgâr — Vent																	Şehap — Nuage		Yağmur — Pluie		Kar — Neige		Mülâhazat Remarques								
	Tekerrür — Nombre de fréquence								Tekessür [*]								Sürat Vitesse m/s.	7 den 7 ye	7 den 7 ye													
	N	NE	E	SE	S	SW	W	NW	N	NE	E	SE	S	SW	W	NW				Sakin												
inci luk	1	2	1	1	—	—	—	—	17	26	9	19	—	—	—	—	29	4.5	4.0	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	—	—	—	5	5	—	1	1	—	—	—	34	52	—	7	6	2.7	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	2	2	1	3	2	1	—	2	11	17	18	8	19	8	—	17	3.0	10.0	2.0	—	—	—	—	—	—	—	—	—	—	—	—
	4	3	1	—	—	—	—	—	39	60	1	—	—	—	—	—	—	5.3	7.0	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	3	3	1	—	—	—	—	31	14	16	8	—	—	—	—	31	4.7	4.3	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	3	2	—	—	—	—	—	31	63	4	—	—	—	—	—	2	3.9	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	2	2	—	—	—	—	—	—	90	5	—	—	—	—	—	5	5.3	0.3	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	4	3	—	—	—	—	—	—	71	23	—	—	—	—	—	6	4.9	0.3	—	—	—	—	—	—	—	—	—	—	—	—	—
	2	3	1	—	—	1	—	—	17	60	7	—	—	1	—	—	15	4.1	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—
	2	1	—	—	—	1	—	1	33	33	—	—	—	21	—	1	12	3.1	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—
inci luk	13	23	15	3	8	9	1	2	17	43	8	5	4	9	1	1	12	4.2	2.6	2.0	—	—	—	—	—	—	—	—	—	—	—	—
	2	2	1	—	—	—	—	1	24	48	17	—	—	—	—	1	10	3.6	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	—	—	—	2	4	3	1	8	—	—	—	42	35	13	2	—	2.6	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	1	—	—	—	3	1	1	19	10	—	—	—	24	1	2	44	3.4	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—
	2	2	2	2	—	1	—	—	29	14	16	6	—	23	—	—	12	2.3	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	2	1	—	—	—	—	—	17	75	8	—	—	—	—	—	—	5.9	3.3	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	4	3	—	—	—	—	—	9	72	19	—	—	—	—	—	—	4.7	0.7	—	—	—	—	—	—	—	—	—	—	—	—	—
	7	5	—	—	—	—	—	1	50	49	—	—	—	—	—	1	—	5.7	1.0	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	1	—	—	—	—	—	—	23	77	—	—	—	—	—	—	—	5.9	1.0	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	1	—	—	—	—	—	—	—	100	—	—	—	—	—	—	—	5.4	1.0	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	1	—	—	—	—	—	—	15	85	—	—	—	—	—	—	—	5.6	0.3	—	—	—	—	—	—	—	—	—	—	—	—	—
inci luk	17	19	7	2	2	8	4	4	19	53	6	1	4	8	1	1	7	4.5	0.7	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	1	—	—	—	—	—	—	8	90	—	—	—	—	—	—	2	5.3	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—
	2	2	—	—	—	—	—	—	16	84	—	—	—	—	—	—	—	6.4	3.3	—	—	—	—	—	—	—	—	—	—	—	—	—
	—	1	—	—	—	—	—	—	—	100	—	—	—	—	—	—	—	6.9	0.7	—	—	—	—	—	—	—	—	—	—	—	—	—
	2	5	2	—	—	—	—	—	40	48	2	—	—	—	—	—	10	5.3	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—
	3	4	1	—	—	—	—	—	23	61	8	—	—	—	—	—	8	4.5	1.0	—	—	—	—	—	—	—	—	—	—	—	—	—
	2	1	1	—	—	—	—	—	48	29	7	—	—	—	—	—	16	5.6	1.3	—	—	—	—	—	—	—	—	—	—	—	—	—
	2	1	—	—	—	—	—	—	42	48	—	—	—	—	—	—	10	5.4	1.7	—	—	—	—	—	—	—	—	—	—	—	—	—
	3	3	1	—	—	—	—	—	54	24	18	—	—	—	—	—	4	5.0	1.7	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	1	1	1	1	—	—	—	29	4	2	32	2	—	—	—	31	5.1	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—
	2	2	3	1	1	1	1	1	11	15	20	30	1	15	1	1	6	3.9	1.0	—	—	—	—	—	—	—	—	—	—	—	—	—
31 ncü luk	18	21	9	2	2	1	1	1	27	50	6	6	—	2	—	—	9	5.3	1.1	—	—	—	—	—	—	—	—	—	—	—	—	—
akün	48	63	31	7	12	18	6	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
isatı	—	—	—	—	—	—	—	—	21	49	7	4	3	6	1	—	9	4.7	1.5	—	—	—	—	—	—	—	—	—	—	—	—	—

(*) Bir gün zarfında her hangi bir cihetten esen rüzgârın devam müddetinin gün müddetine nisbetinin yüzdesi —
 Pourcentage de la proportion de la durée de chaque direction du vent à 24 h.

SAAT-HEURE

Gün Jour		S A A T — H E U R E																								Vasatı Moyenne			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
1	62.0	61.9	61.9	61.8	61.6	61.6	62.2	62.4	62.4	62.2	61.9	61.8	61.4	61.4	61.1	60.7	60.4	59.9	60.0	60.1	59.9	59.3	60.2	59.5	61.2	61.2			
2	58.6	57.6	58.0	56.5	56.8	56.6	57.5	57.8	59.2	59.0	59.1	58.4	58.4	58.7	57.6	57.7	57.3	56.7	56.6	56.9	56.5	57.0	60.8	60.5	58.2	57.6	57.6		
3	58.4	57.6	58.6	58.6	58.5	58.9	59.6	60.3	60.4	60.3	60.4	60.0	59.8	60.0	60.0	60.0	60.3	60.4	60.9	61.1	61.1	61.1	60.8	60.5	59.9	58.6	57.9		
4	60.5	60.4	60.2	60.1	6.00	60.0	60.0	59.9	59.6	59.3	59.0	58.8	58.3	57.8	57.6	57.2	57.1	57.2	57.0	57.5	57.5	57.4	57.3	57.0	58.6	56.0	56.0		
5	56.8	56.8	56.4	56.3	55.9	55.7	55.4	55.2	55.0	55.3	55.4	55.1	54.4	54.4	54.1	54.0	53.9	54.1	54.0	54.7	54.9	55.0	55.0	54.9	55.1	55.1	55.1		
6	54.9	55.3	55.5	55.7	55.9	56.3	56.5	56.7	56.8	57.7	57.6	57.7	58.0	58.2	58.3	58.7	59.1	59.1	60.1	60.7	61.3	61.6	61.8	61.9	61.9	58.1	58.1		
7	62.1	62.2	62.3	62.5	62.7	63.1	63.9	64.4	64.8	65.3	65.3	65.6	65.5	65.6	65.7	65.7	66.0	66.1	66.3	66.8	66.4	66.4	66.3	66.3	66.3	65.1	58.1		
8	66.2	66.0	65.4	65.3	65.1	65.4	65.7	65.7	65.8	66.0	65.9	65.4	65.1	64.9	64.4	64.5	64.6	64.4	64.5	65.0	64.9	64.6	64.6	64.4	65.2	65.2	65.2		
9	64.2	63.9	63.6	63.2	63.0	63.1	63.2	63.2	63.3	63.4	63.3	63.5	63.4	63.0	62.9	63.0	63.0	63.2	63.1	63.2	63.6	63.5	63.2	63.0	62.8	63.3	63.3		
10	62.6	62.2	61.9	61.8	61.7	61.5	61.5	61.6	61.6	62.1	62.2	62.1	62.0	62.0	61.7	61.5	61.6	61.7	61.8	61.9	62.0	62.0	62.0	62.1	61.9	60.6	60.6		
11inci onluk	606.3	603.9	603.8	601.8	601.0	602.4	604.6	606.5	607.6	610.9	609.9	609.5	606.5	605.6	604.6	602.8	603.1	603.2	603.8	607.3	608.8	607.1	608.1	607.6	60.6	60.6	60.6		
11	62.2	62.5	62.6	62.6	62.9	63.2	63.6	63.9	64.1	64.2	64.4	64.3	64.2	63.8	63.7	63.7	63.6	63.5	63.3	63.2	63.2	63.0	62.9	62.7	63.4	63.4	63.4		
12	62.7	62.4	62.0	61.6	61.4	61.4	61.6	61.6	61.7	61.9	61.7	61.2	60.8	60.5	60.5	59.7	58.5	58.7	58.3	57.6	63.4	63.7	63.6	63.9	64.0	59.8	59.8		
13	54.5	54.3	54.0	54.1	54.4	55.5	56.8	57.8	58.8	59.5	60.0	60.6	60.8	61.6	61.8	61.9	62.1	62.6	62.6	63.4	63.7	63.6	63.9	64.0	59.6	62.4	62.4		
14	64.0	63.7	63.7	63.8	63.7	63.9	63.8	63.8	63.8	63.7	63.6	63.2	62.5	62.3	62.0	61.6	61.3	60.7	60.6	60.6	60.6	60.1	60.0	59.6	56.6	56.6	56.6		
15	59.5	59.5	59.2	58.9	58.8	58.7	58.6	58.2	58.1	58.0	57.6	56.7	56.1	55.8	55.4	55.0	54.3	54.5	54.5	53.5	54.2	54.4	54.4	54.5	54.5	54.5	54.5		
16	54.4	54.2	53.8	53.9	53.4	53.8	53.9	54.4	54.8	55.3	55.3	55.2	55.4	54.0	53.8	54.0	54.0	54.1	54.6	55.0	55.1	55.0	54.7	54.3	54.4	54.4	54.4		
17	54.0	53.9	53.7	53.3	53.4	53.2	53.5	53.0	53.1	53.3	53.5	53.5	53.5	53.4	53.3	53.1	53.1	53.2	53.2	53.6	53.8	53.8	53.8	53.7	53.5	53.5	53.5		
18	53.5	53.2	53.0	53.0	52.9	53.2	53.3	53.6	54.0	54.1	54.1	54.0	54.0	53.9	53.7	54.6	54.8	54.9	55.3	55.7	56.1	56.1	56.4	54.2	54.2	54.2	54.2		
19	56.5	56.7	56.9	57.0	57.0	57.3	57.8	58.1	58.8	59.0	59.1	59.1	59.2	59.1	58.8	58.3	58.4	58.3	58.2	58.3	58.5	58.6	58.7	58.8	58.2	58.2	58.2		
20	58.9	59.1	59.5	59.8	59.9	60.3	60.6	60.9	61.0	61.1	61.0	60.9	60.3	59.8	59.6	59.7	59.5	59.0	58.8	58.7	58.4	58.0	57.2	56.7	59.5	59.5	59.5		
20inci onluk	580.2	579.5	578.4	578.0	577.8	580.5	583.5	585.3	588.2	590.1	590.3	588.7	586.8	584.2	581.8	579.5	579.6	579.0	578.3	578.1	579.0	579.1	577.1	575.5	58.2	58.2	58.2		
21	56.3	56.2	56.0	56.0	55.9	56.5	56.7	56.8	57.8	57.9	58.1	58.3	57.4	56.9	56.9	57.4	56.9	57.1	57.3	57.5	57.8	57.8	58.3	58.1	57.2	57.2	57.2		
22	58.0	57.9	57.9	57.8	57.8	57.7	57.8	57.8	57.8	57.7	57.7	57.5	57.4	56.8	56.3	56.1	56.0	56.0	56.0	56.3	56.6	56.6	56.7	56.5	57.2	57.2	57.2		
23	56.4	56.0	56.1	56.3	56.2	56.0	55.6	55.9	56.4	56.6	56.6	56.5	56.6	56.7	56.8	56.9	57.0	56.6	56.8	56.9	57.3	57.3	57.2	57.4	56.6	56.6	56.6		
24	57.3	57.2	56.9	56.9	57.0	57.3	57.5	57.7	58.0	58.0	57.9	57.6	57.5	57.5	57.6	57.7	57.8	57.8	58.0	58.6	58.6	58.6	58.6	58.6	57.8	57.8	57.8		
25	58.5	58.3	58.1	58.0	57.9	57.8	57.7	57.3	57.2	57.1	56.8	56.4	56.2	56.2	55.9	55.7	56.0	56.6	56.7	57.4	58.0	58.2	58.6	58.7	57.3	57.3	57.3		
26	59.3	59.3	59.3	59.3	59.0	59.3	59.7	59.8	60.0	60.3	59.7	59.5	59.3	59.2	59.1	58.8	58.7	58.3	58.4	58.5	59.7	59.5	58.4	57.4	59.2	59.2	59.2		
27	57.1	56.3	56.3	56.4	56.4	56.8	57.3	57.4	58.2	58.6	59.0	59.1	59.1	59.3	59.1	59.4	60.3	60.0	60.2	60.1	60.1	60.1	60.0	60.1	58.6	58.6	58.6		
28	60.0	59.9	59.7	59.5	59.4	59.5	59.6	59.8	59.8	59.6	58.6	58.0	57.8	57.2	56.8	56.5	56.2	56.0	56.1	56.2	56.3	56.0	55.7	55.6	57.9	57.9	57.9		
29	55.4	55.3	55.1	54.9	54.8	55.1	55.5	55.5	55.6	55.8	55.9	55.8	55.7	55.6	55.7	55.4	55.4	55.9	56.5	57.1	57.5	58.0	58.3	58.4	56.0	56.0	56.0		
30	58.4	58.3	58.5	58.5	58.7	59.4	59.5	60.4	60.6	61.0	61.0	60.9	60.8	60.8	60.5	60.4	60.6	60.9	60.8	60.8	60.7	60.7	60.5	60.5	60.1	60.1	60.1		
30inci onluk	576.7	574.7	573.9	573.6	573.1	575.4	576.9	578.4	580.5	582.0	581.3	579.6	577.8	576.2	574.7	574.5	575.0	575.2	576.6	579.5	582.8	582.8	582.3	581.3	57.8	57.8	57.8		

S A A T — H E U R E

Gün Jour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Vasati Moyen
1	60.3	60.3	60.4	60.4	60.4	60.7	60.6	60.5	60.6	60.3	60.0	59.5	58.8	58.3	57.7	57.3	56.8	55.6	55.3	55.4	55.3	54.5	54.5	54.5	58.3
2	54.7	54.7	54.8	54.8	55.1	55.2	56.8	57.1	57.8	58.0	58.9	59.5	59.9	60.3	60.5	60.6	60.9	61.0	61.3	61.6	61.8	62.1	62.1	62.2	58.8
3	61.9	62.0	62.2	62.3	62.5	62.8	63.0	63.3	63.2	63.3	63.1	62.8	62.4	61.8	62.2	62.0	61.8	61.1	59.9	60.4	60.3	60.3	60.0	59.7	61.9
4	59.7	59.4	59.1	59.3	59.3	59.6	59.6	59.7	59.9	60.0	60.0	60.0	60.1	60.0	59.8	59.9	59.9	59.8	59.8	59.9	59.8	59.6	59.5	59.3	59.7
5	59.0	58.5	58.6	58.6	58.5	58.6	58.6	58.4	58.6	58.9	58.9	58.4	57.9	57.8	57.6	57.5	57.3	56.8	56.7	56.5	56.1	56.3	57.0	55.8	57.8
6	56.3	56.4	56.4	55.6	56.0	56.5	56.8	57.3	57.7	58.0	58.1	58.3	58.3	58.4	58.3	58.3	58.2	58.0	57.9	57.9	57.9	57.9	58.0	58.3	57.5
7	58.4	58.5	58.6	58.7	59.1	59.4	59.6	60.0	60.2	60.1	60.0	60.0	59.9	59.9	59.8	59.9	60.1	60.4	60.5	60.9	61.0	61.1	61.1	61.3	59.9
8	61.2	61.1	61.2	61.4	61.5	61.7	61.9	62.1	62.4	62.7	62.8	62.8	62.9	62.8	62.8	62.9	62.9	63.0	63.0	63.2	63.3	63.3	62.6	62.6	62.4
9	62.4	62.2	62.1	62.1	62.1	62.1	62.2	62.3	62.0	61.8	61.5	61.3	61.0	60.6	60.4	60.6	60.8	60.6	60.7	60.8	60.9	60.8	60.7	60.6	61.4
10	60.5	60.4	60.3	60.2	60.2	60.3	60.6	60.8	60.8	60.9	61.0	61.0	60.9	60.7	60.6	60.6	60.6	60.6	61.0	61.2	61.5	61.8	62.1	62.3	60.9
1 inci onluk	594.4	593.5	592.7	593.4	594.7	596.9	599.7	601.5	603.2	604.0	603.9	603.6	602.1	600.6	599.7	599.6	599.3	597.0	596.1	597.8	597.9	597.7	597.8	596.6	59.9
11	62.2	62.0	61.9	61.9	62.1	62.5	62.9	63.1	63.5	63.6	63.5	63.4	63.1	62.8	62.7	62.6	62.6	62.7	63.0	63.2	63.5	63.6	63.6	63.6	62.9
12	63.4	63.4	63.4	63.3	63.4	63.9	64.5	64.7	65.0	65.1	65.2	65.0	64.9	64.4	64.1	64.0	63.9	64.3	64.4	64.7	64.9	65.0	65.1	65.0	64.4
13	64.8	64.6	64.5	64.4	64.6	64.9	65.2	65.4	65.6	65.7	65.4	65.0	64.7	63.9	63.8	63.6	63.4	63.6	63.6	63.9	64.1	64.0	63.8	63.5	64.4
14	62.9	62.8	62.7	62.6	62.7	62.9	63.0	63.0	63.0	63.0	62.9	62.8	62.6	62.3	62.1	62.0	62.0	62.2	62.4	62.5	62.8	63.0	63.0	63.1	62.7
15	62.9	62.8	62.8	62.9	63.0	63.4	63.8	63.9	64.8	63.9	63.8	63.6	63.4	63.4	63.2	63.1	62.9	63.1	63.3	63.6	63.8	63.8	63.7	63.7	63.4
16	63.6	63.5	63.3	63.4	63.5	63.6	63.9	63.9	63.8	63.8	63.7	63.5	63.3	63.1	63.0	62.9	62.7	62.8	63.0	62.9	63.2	63.2	63.1	63.1	63.3
17	62.6	62.5	62.3	62.2	62.2	62.4	62.4	62.4	62.4	62.3	62.2	62.0	61.8	61.7	61.6	61.4	61.0	60.9	61.0	61.1	61.2	61.2	61.0	60.7	61.8
18	60.5	60.2	60.1	60.0	60.1	60.2	60.3	60.2	60.4	60.5	60.5	60.4	60.1	59.6	59.3	59.0	59.0	59.0	59.1	59.1	59.3	59.3	59.3	59.0	59.8
19	58.9	58.8	58.6	58.5	58.7	58.8	59.0	59.2	59.4	59.7	59.6	59.5	59.3	59.1	58.9	58.4	58.2	59.0	59.1	59.3	60.0	60.1	60.4	60.1	59.2
20	60.1	60.1	60.1	60.2	60.5	61.0	61.5	61.9	62.1	62.3	62.4	62.2	61.9	61.7	61.7	61.7	61.8	61.9	62.1	62.2	62.8	62.7	62.4	62.4	61.7
2 inci onluk	621.9	620.7	619.7	619.4	620.8	623.4	626.5	627.9	630.0	629.9	629.2	627.4	625.1	621.8	620.3	618.7	617.5	619.3	621.0	622.5	625.7	625.9	625.6	624.2	62.4
21	62.3	62.2	61.8	61.8	61.7	61.8	62.2	62.4	62.5	62.7	62.8	62.8	62.3	62.1	61.9	61.8	61.7	61.7	61.8	61.6	61.7	61.9	62.0	61.9	62.1
22	61.7	61.7	61.6	61.6	61.8	62.0	62.3	62.4	62.3	62.3	62.5	62.4	62.0	61.7	61.4	60.9	60.7	60.6	60.8	61.3	62.1	62.1	62.0	61.7	61.8
23	61.5	61.1	60.9	60.7	60.8	60.9	60.9	61.1	60.7	60.7	60.7	60.4	60.0	60.0	59.8	59.7	59.7	59.8	59.9	60.0	60.1	59.8	59.9	60.0	60.4
24	60.2	60.2	60.3	60.4	60.6	61.2	61.6	62.2	62.3	62.5	62.7	62.6	62.3	61.8	61.6	61.7	61.9	62.1	62.3	62.4	62.7	62.7	62.8	62.7	61.8
25	63.0	62.8	62.4	62.4	62.8	63.0	63.3	63.5	63.3	63.5	63.4	63.4	63.2	62.9	62.7	62.6	62.7	62.6	62.3	62.2	62.7	63.2	63.2	62.9	62.9
26	62.9	62.8	62.6	62.5	62.6	62.7	63.0	63.0	63.1	63.7	63.7	63.7	63.5	63.1	62.8	62.8	62.8	62.9	63.1	63.2	63.4	63.3	63.2	63.0	63.1
27	62.8	62.6	62.4	62.3	62.3	62.4	62.6	62.7	63.0	63.0	63.1	62.9	62.6	62.2	62.2	62.3	62.3	62.3	62.7	62.9	63.0	62.9	62.9	62.6	62.6
28	62.5	62.3	62.1	61.8	62.0	62.4	62.8	62.8	63.4	63.3	63.3	63.0	63.0	62.8	62.7	62.6	62.6	62.5	62.5	63.0	63.3	63.4	63.4	63.2	62.8
29	63.0	62.8	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.1	62.0	61.7	61.4	61.8	61.8	61.7	61.9	61.9	62.0	62.1	61.7	62.2
30	61.7	61.7	61.2	60.7	60.7	60.7	60.9	61.3	61.5	61.9	62.2	62.2	61.8	62.0	62.1	62.5	62.7	62.9	63.0	63.4	63.8	63.9	64.1	64.2	62.2
31	64.1	64.0	63.7	63.7	64.1	64.4	64.7	65.1	65.6	66.3	66.5	66.7	66.9	67.1	67.1	67.0	67.1	67.2	67.3	67.3	67.5	67.3	67.3	67.1	66.1
3 inci onluk	685.7	684.2	681.7	680.7	682.2	684.3	687.1	689.7	690.3	692.2	692.9	691.8	689.7	687.7	686.0	685.3	686.0	686.4	687.1	689.2	692.2	692.5	692.9	691.0	62.5
Vasati	61.4	61.2	61.1	61.1	61.2	61.4	61.7	61.9	62.1	62.1	62.1	62.0	61.8	61.6	61.5	61.4	61.4	61.4	61.4	61.6	61.8	61.8	61.8	61.7	61.6

Barometre

700 mm. +

Haziran 1937 — Juin 1937

14

Gün Jour	SAAT — HEURE																								Vasati Moyen
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	66.7	66.3	65.9	65.7	65.8	66.1	66.2	66.4	66.3	66.3	66.1	66.0	65.7	65.4	65.0	64.8	64.5	64.2	64.2	64.3	46.6	64.4	64.2	63.9	65.4
2	63.6	63.4	62.9	62.7	62.6	62.9	63.0	63.1	63.1	62.5	62.2	61.7	61.3	60.8	60.6	60.4	60.1	60.0	60.0	60.0	60.0	60.1	60.1	60.1	61.6
3	59.9	59.7	59.5	59.5	59.6	59.8	60.3	60.8	61.0	61.0	61.0	61.2	61.0	60.9	60.7	60.8	61.0	61.3	61.8	61.8	62.1	62.3	62.3	62.4	60.9
4	62.4	62.4	62.4	62.6	62.8	63.4	63.8	64.1	64.2	64.2	64.1	64.0	63.9	63.6	63.4	63.5	63.9	64.3	64.4	64.9	65.3	65.4	65.0	65.2	63.9
5	65.2	65.1	65.0	65.3	65.6	65.7	66.1	66.4	66.4	66.5	66.4	66.3	66.2	65.8	65.7	65.8	65.6	65.6	65.7	65.8	66.1	65.9	65.9	65.8	65.8
6	65.5	65.2	65.1	64.9	65.0	65.2	65.3	65.4	65.4	65.6	65.5	65.3	65.1	64.9	64.9	64.9	65.0	65.2	65.5	66.1	66.5	66.7	67.1	67.2	65.5
7	67.2	67.0	67.0	67.2	67.5	67.6	68.0	68.1	68.6	68.8	69.2	69.0	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.6	68.9	68.9	68.9	68.6	68.4
8	68.2	68.0	67.7	67.5	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.6	67.6	67.1	66.8	66.5	66.1	66.2	66.3	66.2	66.3	66.2	66.0	65.9	67.1
9	65.7	65.4	65.2	64.9	64.7	64.7	64.8	64.9	64.9	65.0	65.2	65.4	65.3	65.1	64.7	64.7	64.4	64.5	64.8	64.9	65.4	65.4	65.4	65.2	65.0
10	65.0	64.7	64.4	64.0	63.8	63.7	63.7	63.7	63.7	63.8	63.9	63.7	63.8	63.6	63.4	63.3	63.3	63.2	63.4	63.4	63.7	63.7	63.7	63.6	63.8
1 inci onluk	649.4	647.2	645.1	644.3	645.0	646.7	648.9	650.7	651.4	651.5	651.4	650.2	648.4	646.0	644.0	643.5	642.7	643.3	644.9	646.0	648.9	649.0	648.6	647.9	64.7
11	63.5	63.5	63.8	63.3	63.4	63.7	64.0	64.4	64.4	64.5	64.5	64.5	64.4	64.2	64.0	63.8	63.6	63.6	63.5	63.5	63.5	63.5	63.5	63.4	63.8
12	63.3	63.0	62.8	62.6	62.6	62.6	62.8	63.0	63.0	63.2	62.9	62.6	62.3	61.8	61.5	61.2	60.9	60.8	60.5	60.6	60.7	60.7	60.6	60.5	61.9
13	60.4	60.3	60.1	60.0	60.0	60.0	60.4	60.6	60.7	60.7	60.8	60.8	60.9	60.9	60.7	60.6	60.6	60.4	60.4	60.3	60.9	61.1	61.2	61.3	60.6
14	61.2	61.0	61.0	61.0	61.0	61.0	61.0	61.4	61.4	61.3	61.2	61.0	60.6	60.3	60.1	59.8	59.5	59.4	59.3	59.3	59.7	59.7	59.7	59.6	60.5
15	59.5	59.4	59.4	59.3	59.6	60.0	60.7	60.8	60.9	61.1	61.2	61.3	61.0	60.8	60.8	60.9	60.8	61.2	61.7	61.9	62.4	62.7	62.8	62.8	61.0
16	62.8	62.7	62.4	62.4	62.4	62.4	62.4	62.6	62.5	62.5	62.3	62.0	61.6	61.4	61.0	60.8	60.2	60.5	60.6	60.6	60.7	60.6	60.6	60.3	61.6
17	60.1	59.9	59.9	60.0	59.7	59.8	60.0	60.3	60.3	60.3	60.3	60.1	59.6	59.5	59.3	59.2	59.0	59.1	59.3	59.1	59.3	59.5	59.5	59.3	59.7
18	59.3	59.3	59.4	59.7	59.9	60.1	60.4	60.6	60.6	60.6	60.4	60.5	60.4	60.3	60.3	60.3	60.4	60.6	60.7	60.7	61.0	61.0	61.0	61.0	60.4
19	61.0	60.9	60.9	60.9	61.1	61.2	61.4	61.6	61.7	61.7	61.7	61.7	61.7	61.4	61.3	61.0	61.1	61.3	61.4	61.4	61.7	61.6	61.4	61.0	61.3
20	60.6	60.5	60.3	60.2	60.2	60.2	60.5	60.5	60.4	60.2	60.1	59.8	59.5	59.1	59.0	59.0	58.6	58.7	58.8	58.9	59.2	59.2	58.9	58.6	59.6
2 inci onluk	611.7	610.5	609.7	609.4	609.9	611.0	613.8	615.8	615.9	616.0	615.4	614.3	612.0	609.7	608.0	606.6	604.7	605.6	606.2	606.3	609.2	609.7	609.2	607.8	61.0
21	58.3	58.0	58.0	58.0	58.0	58.1	58.3	58.3	58.3	58.2	58.2	58.3	58.1	58.0	57.7	57.7	57.4	57.5	57.9	58.3	58.8	59.0	59.0	58.9	58.2
22	58.6	58.7	58.6	58.7	58.7	58.8	59.1	59.3	59.3	59.3	59.3	59.2	58.9	58.9	58.6	58.3	58.2	58.3	58.3	58.5	58.8	59.0	58.7	58.6	58.8
23	58.3	58.3	58.3	58.3	58.5	58.7	59.4	59.8	60.0	60.2	60.4	60.4	60.0	59.8	59.6	59.4	59.4	59.8	60.0	60.1	60.5	60.6	60.6	60.4	59.6
24	60.1	59.9	59.6	59.8	59.8	60.0	60.4	60.5	60.7	60.8	60.9	60.8	60.3	60.1	59.8	59.7	59.5	59.7	59.8	59.9	59.8	59.9	59.7	59.7	60.0
25	59.7	59.3	59.0	58.9	59.2	59.5	59.5	59.5	59.5	59.8	59.7	59.6	59.4	59.0	58.9	58.8	58.7	58.9	59.1	59.4	59.5	59.4	59.2	59.0	59.3
26	59.0	58.9	58.6	58.7	58.9	59.1	59.2	59.3	59.4	59.4	59.4	59.5	59.2	58.7	58.6	58.2	58.1	58.4	58.4	58.3	58.6	58.7	58.5	58.4	58.8
27	58.3	58.3	58.2	58.1	58.0	57.9	57.9	58.0	57.9	57.9	57.7	57.6	57.5	57.3	56.9	56.8	56.7	56.7	56.8	57.0	57.2	57.2	57.1	57.2	57.5
28	57.0	57.0	56.9	56.9	57.0	57.3	57.7	57.8	57.9	57.7	57.7	57.6	57.6	57.5	57.4	57.6	57.6	57.8	58.0	58.1	58.5	58.5	58.6	58.7	57.7
29	58.7	58.7	58.7	58.8	59.2	59.4	59.9	60.0	60.0	60.0	60.1	60.1	60.1	60.0	60.0	60.1	60.0	60.0	59.9	60.0	60.1	60.5	60.6	60.6	59.8
30	60.5	60.4	60.2	60.0	60.0	60.0	60.1	60.2	60.3	60.2	60.1	59.8	59.4	59.0	59.0	58.9	58.6	58.7	58.6	58.2	57.7	56.9	56.5	56.5	59.2
3 inci onluk	588.5	587.7	586.1	586.0	587.3	588.8	591.5	592.9	593.6	593.5	593.5	593.1	590.5	588.3	586.5	585.3	584.2	585.6	586.7	587.7	589.6	589.8	588.6	588.0	58.9

Gün Jour	SAAT — HEURE																								Vasatı Moyen
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	7.9	7.8	7.7	7.6	7.5	7.4	8.1	8.3	8.5	9.2	9.5	10.0	9.5	9.3	9.0	8.9	8.8	8.6	8.6	8.6	8.6	8.5	8.4	8.4	8.5
2	8.3	8.2	8.2	8.0	8.3	8.4	8.5	8.8	9.2	8.3	8.0	8.3	8.8	8.3	8.2	8.1	8.0	7.9	7.8	7.8	7.7	7.7	7.7	7.6	8.2
3	7.6	7.5	7.5	7.4	7.4	7.4	7.5	7.5	7.8	8.3	9.0	9.5	10.9	11.1	10.8	10.8	10.3	9.3	8.0	7.5	7.5	6.9	7.2	7.7	8.4
4	8.0	8.0	8.0	8.0	7.9	7.8	8.1	9.0	10.0	11.2	11.8	10.4	11.7	12.4	11.4	11.3	10.7	9.7	9.4	9.5	9.5	8.5	9.3	9.7	9.6
5	10.0	9.8	9.8	9.6	10.2	9.7	11.6	12.0	12.6	9.0	8.8	8.6	9.6	9.7	9.5	9.3	8.5	8.3	7.9	7.8	7.7	7.6	7.4	7.4	9.3
6	7.2	7.0	6.6	6.4	6.3	6.2	6.8	7.0	7.5	7.0	7.2	6.8	6.5	6.7	6.7	6.5	6.2	6.4	6.7	6.1	6.1	6.0	5.9	5.5	6.6
7	5.8	6.0	6.0	5.5	5.7	5.8	5.9	6.3	7.0	8.0	8.3	8.7	9.0	8.8	8.8	8.0	7.8	7.0	5.8	5.3	5.0	4.7	4.7	4.7	6.6
8	4.6	4.5	4.2	4.0	4.1	4.4	5.0	6.3	7.5	8.5	8.5	9.0	9.2	9.7	9.4	9.0	8.0	7.2	6.8	6.5	6.1	5.6	5.7	6.0	6.7
9	6.2	6.3	6.3	6.3	6.4	6.5	6.6	6.7	6.9	7.1	7.3	6.4	6.2	7.2	7.4	7.1	7.2	7.2	6.6	6.4	6.2	6.5	7.0	6.9	6.7
10	6.7	6.5	6.0	6.2	6.0	6.2	6.5	7.4	7.8	9.5	9.0	9.2	9.2	8.6	8.8	8.2	8.4	7.5	6.2	5.3	5.2	5.0	4.6	4.2	7.0
11 onluk	72.3	71.6	70.3	69.0	69.8	69.8	74.6	79.3	84.8	86.1	87.4	86.9	90.6	91.8	90.0	87.2	83.9	79.1	73.8	70.8	69.6	67.0	67.9	68.1	7.8
11	3.5	3.5	3.0	3.0	2.8	3.0	4.7	6.2	8.0	10.5	9.2	11.2	11.5	11.3	11.5	11.2	11.2	10.9	9.6	8.5	8.3	8.2	8.2	8.7	7.8
12	8.3	8.5	8.3	9.0	9.2	9.3	9.0	10.0	11.2	11.5	11.9	13.5	17.0	17.1	16.6	16.4	16.3	15.6	15.7	15.1	15.2	15.5	15.5	15.5	13.0
13	15.8	15.2	14.4	14.4	11.7	10.0	9.9	9.7	12.0	14.8	15.6	12.5	14.8	10.1	10.4	11.5	11.6	10.5	9.3	8.8	8.4	8.0	8.2	8.4	11.5
14	8.4	8.3	8.2	7.9	7.3	7.0	7.9	9.2	11.6	13.2	12.5	13.4	14.0	12.5	12.0	14.5	13.8	13.0	12.4	11.6	12.2	13.3	14.0	13.0	11.3
15	13.1	10.0	9.5	7.7	9.3	10.5	16.7	20.6	23.5	24.6	26.5	27.4	26.5	23.5	16.0	15.5	21.5	25.5	24.5	26.8	20.0	20.0	19.0	18.5	19.0
16	17.5	17.5	16.3	16.2	15.0	15.2	16.5	17.5	18.3	18.5	18.7	19.5	19.5	21.0	21.6	20.0	18.0	16.4	14.7	14.2	14.2	13.7	12.7	13.0	16.9
17	13.0	13.0	12.5	12.7	11.6	11.2	10.8	11.1	11.5	11.7	11.3	11.0	11.6	12.2	13.4	13.5	14.8	11.0	10.6	11.0	11.1	10.8	11.3	11.0	11.8
18	10.7	11.5	11.0	10.4	10.2	11.0	12.5	13.5	14.2	13.5	14.0	14.8	13.5	14.9	14.9	13.5	13.2	12.8	11.5	11.2	11.6	11.0	11.3	10.8	12.4
19	10.5	10.0	10.6	10.9	10.2	10.6	12.0	12.8	14.3	11.8	12.9	14.4	13.5	14.6	15.1	15.0	14.9	13.8	12.7	12.0	11.9	11.4	10.8	11.5	12.4
20	11.8	12.0	11.0	10.0	9.8	10.6	12.6	14.7	15.8	17.3	18.2	19.1	20.8	20.6	19.8	16.0	16.0	14.3	14.8	15.5	15.4	17.0	17.0	17.4	15.3
21 onluk	112.6	109.5	104.8	102.2	97.1	98.4	112.6	125.3	140.4	147.4	150.8	156.8	162.7	157.8	151.3	147.1	151.3	143.8	135.8	134.7	128.3	128.9	128.0	127.8	13.1
21	17.4	17.5	18.8	16.8	16.2	14.3	14.5	14.7	10.6	12.5	14.0	16.5	12.3	13.1	14.6	14.5	15.5	14.3	13.7	12.3	12.0	12.5	10.4	11.0	14.2
22	11.4	11.2	11.4	11.5	11.3	11.0	12.4	12.8	14.0	16.0	16.8	16.8	18.3	18.8	17.8	17.4	16.9	16.8	16.1	15.8	14.9	14.8	14.6	14.0	14.8
23	13.9	14.2	13.8	12.6	14.2	14.5	15.0	17.0	17.0	16.8	17.3	15.5	15.6	16.2	13.5	12.7	11.7	12.7	12.2	12.8	12.7	11.9	11.3	11.1	14.0
24	11.7	11.2	11.4	10.5	10.7	10.9	11.7	12.4	12.6	11.7	14.0	15.3	16.0	16.9	15.0	14.5	14.4	13.4	11.8	11.7	11.5	11.4	11.1	11.0	12.6
25	11.4	11.3	11.0	10.2	10.0	11.2	12.9	15.9	16.9	18.3	18.5	18.5	17.8	17.9	17.9	16.8	15.0	12.0	11.5	12.2	12.5	12.6	13.0	12.7	14.1
26	11.8	11.7	11.4	10.0	10.3	9.1	12.9	15.2	17.3	17.3	20.0	20.5	18.5	20.8	19.0	18.0	18.0	16.8	15.4	15.0	14.7	13.0	12.5	12.7	15.1
27	12.7	13.3	15.0	14.6	16.4	13.5	15.8	17.0	17.7	18.5	19.5	20.7	21.8	19.1	21.8	17.8	16.3	17.0	17.5	16.5	16.8	17.0	16.1	16.5	17.0
28	15.8	14.7	13.0	14.0	14.0	15.0	15.1	16.0	17.5	19.7	24.0	23.5	24.5	25.4	23.5	21.5	18.5	15.8	15.2	13.3	12.4	12.0	11.3	10.7	16.9
29	10.2	9.9	9.3	8.8	10.8	11.0	12.9	17.0	18.0	17.6	16.0	16.8	16.9	15.7	15.7	16.8	17.0	13.8	12.6	11.4	11.1	10.5	10.4	10.2	13.4
30	10.3	9.2	10.3	10.6	10.7	10.8	11.5	12.2	14.2	15.8	17.5	17.5	18.2	17.4	17.4	17.2	16.5	15.5	13.5	12.3	11.7	11.7	11.7	12.5	13.6
31 onluk	126.6	124.2	125.4	119.6	124.6	121.3	134.7	150.2	155.8	164.2	177.6	183.1	180.4	181.3	176.2	167.2	159.8	148.1	139.5	133.3	130.3	127.4	122.4	122.4	14.6
Vasatı	10.4	10.2	10.0	9.7	9.7	9.7	10.7	11.8	12.7	13.3	13.9	14.2	14.5	14.4	13.9	13.4	13.2	12.4	11.6	11.3	10.9	10.8	10.6	10.6	11.8

S A A T - H E U R E

S A A T - H E U R E

SAAT—HEURE

Gün Jour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Vasatı Moyen
1	12.0	11.2	10.5	10.5	10.3	11.2	12.5	14.3	16.5	15.6	18.3	17.5	17.5	17.9	17.8	17.0	16.5	16.3	14.9	13.5	12.6	12.0	11.8	11.6	14.2
2	10.8	10.0	9.2	9.5	9.8	13.5	13.5	14.5	16.4	17.5	18.5	19.3	19.3	19.5	19.5	19.5	19.4	19.5	19.3	17.0	15.9	15.5	14.7	15.0	15.6
3	15.2	13.8	14.8	14.5	15.0	15.6	16.9	17.6	15.7	15.7	18.6	17.7	21.0	21.3	21.4	19.5	20.4	19.7	19.0	18.3	18.1	17.9	17.7	17.2	17.6
4	17.3	16.9	17.2	17.2	17.2	17.5	18.1	19.5	22.2	22.6	22.0	21.5	21.0	21.0	20.5	20.5	20.5	19.6	17.7	17.4	17.1	16.5	15.3	16.4	18.8
5	16.0	16.4	16.0	15.5	16.6	16.7	18.1	18.7	20.2	20.4	20.5	20.5	20.7	21.1	21.8	21.5	20.7	20.5	19.4	17.3	16.5	15.4	14.8	14.7	18.3
6	14.2	14.5	14.7	15.4	13.8	14.5	18.1	21.5	22.5	24.7	26.0	25.7	25.8	25.9	25.2	23.0	22.2	21.4	19.7	18.2	17.7	17.4	17.3	17.2	19.9
7	16.4	15.7	15.3	15.0	14.3	15.7	18.3	19.4	20.0	20.4	20.6	21.4	21.7	20.8	20.6	20.0	19.0	18.0	16.6	15.3	15.4	14.4	14.0	13.3	17.6
8	13.2	12.0	13.1	13.1	13.1	13.6	16.9	17.5	18.5	19.5	20.3	20.7	21.0	20.8	21.5	20.6	20.0	19.5	18.5	16.5	15.9	15.0	14.3	17.1	17.1
9	13.8	12.8	13.5	13.4	13.2	13.6	17.7	18.6	19.6	20.0	20.5	21.0	21.5	20.5	20.8	21.3	21.3	20.0	18.6	16.8	15.7	16.0	16.0	14.7	17.5
10	14.3	14.0	13.5	13.4	13.8	15.3	16.9	17.8	19.4	20.8	22.0	23.0	23.0	23.7	24.8	24.3	23.6	23.0	21.9	19.0	18.1	17.2	16.6	16.0	19.0
1 inci onluk	143.2	137.3	138.6	137.2	136.8	143.5	167.9	179.4	191.0	197.2	207.3	208.3	212.5	212.5	213.9	207.2	203.5	197.5	185.6	179.3	163.0	157.3	153.2	150.4	17.6
11	15.0	14.6	14.4	15.0	15.2	15.9	18.4	19.5	20.0	21.0	21.9	23.0	23.2	23.3	24.2	23.2	22.8	21.2	19.5	17.3	16.3	16.0	15.9	16.2	18.9
12	16.0	15.2	14.2	14.5	14.3	15.6	18.6	20.6	21.2	21.2	22.5	24.0	24.0	24.2	25.8	25.3	24.0	23.0	21.5	20.5	19.9	18.5	18.3	17.4	20.0
13	17.6	16.8	17.5	17.7	17.2	18.5	19.7	21.7	22.5	24.2	26.0	27.3	26.0	28.0	27.6	27.0	26.7	26.5	25.0	23.0	22.0	21.0	21.0	20.5	22.3
14	20.2	20.7	19.7	18.6	18.7	20.2	21.5	22.5	24.5	28.0	26.0	27.3	27.9	29.1	30.3	29.7	29.5	28.7	27.0	25.0	23.0	22.8	22.8	22.5	24.5
15	22.4	22.8	23.0	21.2	18.0	20.2	22.1	23.2	23.5	24.1	24.3	24.0	25.3	26.3	25.6	24.0	23.0	21.0	20.7	20.3	19.9	19.5	19.3	18.0	22.2
16	17.5	17.0	16.6	16.4	16.5	17.3	19.7	21.2	22.5	23.0	23.0	23.7	23.5	24.3	24.0	22.9	22.1	21.1	20.0	18.3	17.9	17.4	16.9	16.8	20.0
17	16.8	16.4	16.5	15.9	16.3	17.3	19.2	20.5	21.5	21.2	22.2	22.7	22.7	22.4	22.0	21.8	21.8	22.0	20.6	18.6	17.8	17.3	17.4	17.4	19.5
18	16.7	16.4	16.2	16.5	16.8	17.3	19.1	20.1	21.0	21.8	22.8	22.5	22.7	22.6	22.7	23.8	22.8	21.6	20.0	18.3	17.7	17.2	16.8	16.7	19.6
19	16.7	16.7	16.5	15.8	15.4	16.8	19.2	20.0	21.5	22.0	23.0	23.0	23.0	23.6	23.5	21.7	20.5	18.7	18.0	17.5	17.6	17.4	17.3	16.8	19.3
20	16.4	16.2	16.5	17.0	17.3	18.4	20.1	22.0	23.0	25.0	26.0	25.7	26.6	25.3	25.8	26.0	24.0	23.4	21.8	19.8	19.0	18.0	17.5	17.4	21.2
2 inci onluk	175.3	172.8	171.1	168.6	165.7	177.5	197.6	211.3	221.2	231.5	235.3	237.9	244.9	249.1	251.5	245.4	237.2	227.2	214.1	198.6	192.6	185.3	183.2	180.0	20.7
21	16.8	16.1	17.4	17.4	17.9	18.9	20.7	22.3	22.7	23.5	24.5	25.2	26.0	26.0	25.6	25.4	24.2	24.0	21.7	19.5	18.3	17.6	17.4	17.0	21.1
22	16.8	17.0	16.7	16.5	17.0	17.4	19.2	20.5	21.8	23.1	22.6	23.0	23.5	22.7	23.0	22.2	22.5	21.5	20.5	19.3	19.1	18.9	18.6	19.5	20.1
23	19.5	19.5	19.5	18.5	17.9	18.7	21.1	21.3	21.9	22.6	23.5	24.9	23.5	24.0	23.5	23.3	23.3	22.1	21.0	19.5	18.7	18.5	18.5	18.3	21.0
24	18.0	17.6	17.0	17.2	17.6	18.8	21.0	22.0	23.5	24.5	24.5	25.4	24.8	23.7	24.0	23.1	22.5	22.5	21.6	20.1	19.1	18.0	17.3	17.0	20.9
25	16.8	17.0	17.1	16.3	16.0	17.0	19.9	20.6	22.8	23.5	24.0	25.4	25.0	24.3	24.0	24.6	23.3	22.3	20.8	19.0	18.4	18.0	17.8	17.5	20.5
26	17.0	16.6	17.0	16.6	16.3	17.5	19.5	21.5	23.4	23.2	22.8	23.8	23.0	23.4	23.2	23.0	23.0	22.3	21.6	20.0	19.8	19.6	19.5	19.0	20.5
27	18.6	17.7	17.5	16.5	17.6	18.3	20.1	22.0	22.5	23.0	23.5	23.8	23.6	23.6	23.7	24.0	23.4	23.0	21.6	20.0	19.0	18.3	18.0	18.0	20.7
28	18.3	18.5	18.2	17.9	17.5	19.5	21.0	21.5	22.5	23.4	24.1	24.5	24.8	25.5	25.0	24.0	24.0	23.0	22.7	21.4	20.9	20.6	19.5	18.7	21.6
29	18.8	19.5	18.0	18.0	17.0	17.0	20.9	22.6	25.0	25.5	26.6	27.3	27.5	28.2	28.3	27.9	28.6	27.8	25.5	23.7	23.0	22.0	21.4	20.6	23.4
30	20.7	20.8	20.6	19.5	19.7	21.0	23.4	25.0	28.5	29.5	30.0	31.5	33.0	33.0	31.7	30.5	30.7	29.3	25.5	25.3	24.9	24.0	23.6	22.5	26.0
3 inci onluk	181.3	180.3	179.0	174.4	173.5	184.1	206.8	219.3	234.6	241.8	246.1	154.5	254.7	654.7	251.9	248.2	246.1	238.2	262.4	207.8	201.2	195.5	191.6	188.1	21.6
Vasatı	16.7	16.3	16.3	16.0	15.9	16.8	19.0	20.3	21.6	22.4	23.0	23.4	23.7	23.9	23.9	23.4	22.9	22.1	20.7	19.2	18.6	17.9	17.6	17.3	20.0

S A A T — H E U R E

Gün Jour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Vasatı Moyen
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1	82	81	81	84	85	86	82	81	77	76	73	75	84	81	85	81	84	85	85	85	85	87	87	90	83
2	89	90	92	98	92	93	92	90	87	93	98	95	98	100	92	91	89	92	92	93	94	95	96	97	93
3	97	97	93	95	95	92	94	93	91	84	88	83	70	73	73	73	74	80	88	83	84	80	87	83	86
4	85	86	89	91	93	95	90	86	78	73	73	81	75	75	70	73	83	90	90	90	90	94	81	81	83
5	85	87	88	93	94	93	83	82	80	100	98	98	98	97	97	97	96	94	91	94	97	98	100	100	93
6	100	100	99	98	89	97	97	97	97	95	85	90	94	85	82	85	85	82	81	95	97	100	100	100	93
7	82	90	85	92	97	97	91	87	86	80	75	67	61	64	65	65	62	59	62	65	63	70	76	73	76
8	71	75	76	76	76	70	65	60	56	58	60	60	57	55	56	58	59	66	71	73	73	76	78	76	67
9	77	78	79	84	85	81	79	83	81	83	81	90	92	80	76	75	75	80	85	94	92	90	88	86	84
10	86	86	90	75	74	71	70	68	65	62	57	63	60	64	61	57	60	60	66	63	70	72	75	76	69
1 inci onluk	854	870	372	886	889	875	843	827	798	804	788	802	789	774	757	755	782	788	811	835	845	862	868	862	83
11	83	85	87	89	90	90	82	73	66	50	53	45	57	42	42	39	37	41	48	45	43	40	45	50	59
12	58	64	75	74	77	65	59	67	74	75	66	64	58	52	57	53	57	62	59	67	64	62	59	59	64
13	54	63	60	63	85	90	92	94	81	70	67	82	74	97	86	80	76	80	90	95	97	96	95	93	82
14	89	88	90	90	95	98	97	88	76	73	79	73	75	79	81	64	60	66	69	73	65	60	56	63	77
15	65	75	85	85	75	60	49	35	30	28	23	19	22	31	65	65	45	23	35	20	34	36	38	48	46
16	50	52	56	60	66	65	58	60	60	60	64	62	60	42	40	50	60	65	77	68	68	80	84	85	62
17	86	80	90	90	95	100	98	97	96	92	96	96	95	94	85	80	78	95	97	90	98	84	94	98	92
18	93	80	88	93	94	90	86	84	82	90	80	85	83	79	76	78	72	78	82	83	83	84	89	97	85
19	98	100	95	93	96	100	91	88	85	86	75	65	75	71	70	63	57	65	70	66	69	74	74	72	79
20	76	80	80	86	85	83	73	68	65	60	55	50	43	43	41	62	68	68	60	63	65	56	55	50	64
2 inci onluk	752	767	806	823	858	841	785	754	715	684	658	641	642	630	643	634	610	643	687	670	686	682	689	715	71
21	50	46	40	48	55	70	66	70	93	70	66	80	80	77	83	83	62	73	75	72	77	82	95	80	71
22	80	80	77	77	75	72	71	72	68	63	53	56	55	54	53	55	56	54	59	63	64	66	67	70	65
23	68	67	72	73	65	63	60	50	55	52	62	65	67	79	88	87	96	80	83	78	72	72	78	80	71
24	78	83	87	87	85	83	81	79	87	85	77	67	60	56	66	60	61	64	88	88	81	85	90	91	78
25	84	80	83	90	91	76	66	57	51	50	40	40	44	45	52	51	87	100	100	94	87	86	80	86	72
26	90	93	96	100	93	95	83	80	68	60	55	45	53	52	54	53	45	53	56	60	64	90	91	86	27
27	88	93	63	60	53	70	66	68	61	60	56	54	50	55	53	60	60	63	62	64	64	68	67	68	64
28	70	82	90	87	86	75	80	80	70	68	53	52	50	32	50	56	70	85	87	96	91	100	100	100	75
29	100	100	98	98	88	87	81	77	72	76	78	75	72	77	78	70	66	75	84	87	85	92	90	98	84
30	91	90	95	97	96	93	85	80	69	60	57	54	68	60	53	55	56	57	59	64	67	70	70	70	71
3 inci onluk	799	814	801	817	787	784	739	713	694	644	597	588	599	587	630	630	670	704	753	766	752	808	828	829	72

Gün Jour	SAAT — HEURE																								Vasatı Moyen
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	74	77	77	72	74	75	69	65	60	55	45	55	42	51	59	64	60	62	59	62	72	64	61	66	63
2	64	77	75	80	80	78	76	72	80	63	80	65	76	76	72	60	74	78	94	96	97	96	85	100	79
3	88	100	100	100	98	97	97	95	85	78	76	74	68	63	60	65	70	75	65	62	66	90	85	91	81
4	85	90	91	100	100	100	98	96	86	83	78	76	80	74	72	69	70	77	85	89	84	84	88	90	85
5	90	86	86	86	86	85	85	80	66	67	65	60	65	67	72	80	83	88	85	84	84	86	92	92	80
6	100	99	99	99	99	99	99	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98
7	98	98	98	98	93	95	96	98	91	90	93	92	93	91	90	91	97	90	88	86	85	84	83	80	92
8	88	86	86	85	85	80	78	74	70	72	56	58	55	55	62	60	68	57	80	86	84	86	90	90	75
9	86	93	86	82	81	87	73	68	68	64	58	60	59	63	65	68	65	68	75	93	89	94	98	98	76
10	100	98	100	100	98	97	89	80	70	60	56	60	65	70	75	76	67	87	85	92	93	95	94	96	84
1 inci onluk	883	904	898	992	894	884	860	826	774	730	705	698	701	708	725	731	752	760	814	848	852	875	878	901	81
11	95	100	100	100	100	100	90	80	74	75	65	57	52	60	55	65	75	65	80	93	93	97	100	100	82
12	100	100	100	100	100	97	95	86	75	60	50	57	51	54	60	58	72	76	88	86	89	96	100	100	81
13	100	100	100	100	100	100	100	100	82	73	66	52	35	46	43	47	48	60	82	94	95	91	78	77	77
14	62	64	55	71	100	96	90	72	55	55	47	38	70	70	70	75	69	73	77	85	76	90	97	94	73
15	100	100	97	93	92	89	87	80	62	68	63	60	50	57	57	58	60	77	83	92	91	95	91	90	79
16	90	89	88	87	87	86	84	72	70	68	70	70	74	76	79	84	87	76	78	77	78	80	83	82	80
17	85	87	81	85	88	90	85	82	77	73	72	63	63	68	77	73	76	74	75	84	91	92	93	95	80
18	90	90	90	91	94	98	87	81	83	80	73	75	65	67	69	72	72	80	80	70	72	74	80	85	80
19	97	98	98	100	100	98	87	80	67	77	81	70	65	58	53	64	68	57	68	85	79	85	88	92	80
20	96	97	100	100	100	99	99	90	80	70	63	63	60	65	65	56	57	51	56	70	73	72	84	85	77
2 inci onluk	915	925	909	927	961	953	904	823	725	699	650	605	585	621	628	652	684	689	767	836	837	872	894	887	79
21	92	85	90	100	95	91	88	85	78	75	73	65	67	62	65	57	55	52	60	80	83	90	91	97	78
22	100	100	97	96	92	94	86	78	70	60	61	59	62	62	64	67	66	66	80	89	87	92	93	97	80
23	90	96	92	87	92	94	89	80	73	61	66	70	71	67	68	70	72	78	85	92	93	92	93	98	82
24	98	100	99	98	98	97	97	96	82	78	73	70	75	71	68	67	74	77	87	93	91	92	90	90	86
25	92	90	97	95	93	89	86	83	75	72	71	73	69	69	66	60	70	63	70	88	85	95	97	97	81
26	97	100	100	100	100	100	100	85	76	70	70	65	65	61	52	50	45	60	72	83	83	85	91	90	79
27	91	92	88	100	94	92	85	78	66	67	67	70	71	63	64	70	71	75	88	88	91	92	93	91	81
28	93	88	85	88	89	87	84	76	70	65	68	65	68	68	67	70	71	78	82	85	80	86	90	95	79
29	91	90	89	87	88	82	74	71	71	70	76	74	70	66	60	55	58	62	70	81	88	88	92	85	72
30	90	98	98	98	100	95	84	75	63	43	45	50	50	63	65	60	63	80	89	94	95	90	88	78	78
31	78	85	90	82	88	100	82	75	70	60	53	52	51	50	47	45	50	56	60	61	63	75	70	66	67
3 inci onluk	1012	1024	1025	1031	1029	1021	955	882	794	721	726	714	711	705	686	679	695	747	843	934	939	985	992	994	79
Vasatı	91	92	91	62	93	92	88	82	74	69	67	65	64	65	66	67	69	71	78	84	85	88	89	90	80

Gün Jour	SAAT — HEURE																								Vasati Moyen
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	69	72	76	75	72	79	72	61	54	46	48	55	50	47	48	48	48	47	52	65	73	75	80	80	62
2	85	90	90	97	92	90	73	72	60	51	58	60	54	51	46	40	30	38	43	60	63	70	75	70	65
3	56	65	65	67	70	70	70	67	93	80	66	72	75	72	73	71	75	83	93	95	90	91	92	95	77
4	100	95	91	96	97	92	88	81	63	58	66	65	70	71	70	71	74	79	87	92	85	95	97	95	83
5	93	88	90	90	82	86	80	72	68	64	63	62	61	64	60	64	65	64	73	87	85	92	93	95	77
6	90	95	86	98	95	94	77	65	52	45	46	27	19	23	27	60	64	70	83	95	96	91	87	88	70
7	90	80	68	60	64	57	48	45	43	42	36	34	33	37	44	52	57	59	75	86	88	90	93	96	62
8	98	100	95	91	92	95	75	71	64	62	60	57	54	49	45	32	38	45	70	83	85	92	96	96	73
9	99	99	100	95	94	85	65	60	56	54	51	50	51	51	50	57	55	55	59	70	77	82	86	95	71
10	97	98	99	100	97	92	83	80	74	60	46	46	42	38	37	43	49	47	67	88	94	93	93	91	73
1inci onluk	877	882	860	869	855	840	731	674	627	562	540	528	509	503	500	538	555	587	702	821	844	871	892	901	71
11	94	100	98	93	86	84	75	70	65	57	53	43	47	42	38	40	45	56	70	80	79	79	79	79	69
12	90	94	100	100	100	91	80	75	65	63	53	46	52	50	40	48	50	55	55	63	63	70	90	92	70
13	84	90	96	91	88	84	73	63	60	55	55	59	51	43	40	38	44	50	57	65	57	70	73	57	64
14	56	60	70	78	70	65	57	56	53	51	45	35	44	31	28	36	38	40	44	47	45	48	46	48	50
15	49	49	50	52	60	85	86	90	82	80	74	78	60	55	60	73	75	85	90	93	82	85	80	90	74
16	97	100	94	95	92	85	75	65	61	58	55	52	50	50	53	54	58	60	68	79	82	85	89	93	73
17	94	97	96	95	95	86	78	80	68	72	73	65	65	67	66	69	71	64	72	92	99	99	100	100	82
18	92	100	100	95	92	89	82	80	75	70	63	69	64	65	57	50	56	65	73	89	92	93	96	98	79
19	94	91	90	92	91	85	73	68	60	53	53	50	45	46	46	51	52	58	70	76	86	90	91	91	69
20	91	92	92	93	89	83	74	63	55	40	43	50	42	45	35	37	43	43	50	62	66	82	90	90	65
2inci onluk	831	873	886	884	863	837	753	710	644	599	567	547	520	494	463	496	530	565	637	740	741	797	833	838	69
21	92	95	93	95	90	85	75	66	61	60	60	52	48	42	35	42	47	53	65	90	93	95	98	94	72
22	92	90	90	92	90	88	77	67	57	60	60	54	57	57	53	58	60	68	75	84	74	75	76	66	72
23	60	60	60	68	74	78	66	65	62	55	51	38	40	38	39	40	43	60	63	75	68	69	80	85	60
24	82	90	94	87	87	90	68	60	47	42	45	35	45	51	58	70	65	70	76	93	88	90	96	96	73
25	95	100	95	95	95	90	84	65	55	40	42	43	45	47	35	33	39	50	60	80	83	86	90	91	68
26	94	96	90	94	95	90	85	67	60	62	63	61	62	65	66	65	65	68	70	78	79	82	82	88	76
27	86	92	95	96	94	90	83	75	68	66	62	60	65	64	66	64	60	67	75	89	87	89	87	95	78
28	91	90	92	90	91	83	78	80	70	61	60	62	60	53	65	68	67	65	73	88	82	95	94	70	76
29	91	93	100	87	100	100	87	77	60	54	45	37	34	32	34	36	30	32	38	37	36	45	46	46	57
30	47	45	43	46	45	40	36	33	27	25	19	20	20	22	26	30	24	29	44	35	40	41	35	33	34
3üncü onluk	830	851	852	850	861	834	739	655	567	525	509	482	476	471	477	506	500	562	639	749	730	772	778	764	67

Gün Jour	S A A T — H E U R E											
	1	2	3	4	5	6	7	8	9	10	11	12
1	NE 7	NE 7	NE 8	NE 6	NE 7	NE 7	NNE 5	NE 7	NE 8	NE 8	NNE 8	NNE
2	NNE 9	NE 14	NE 10	NE 13	NE 11	NE 10	NE 11	NE 10	NNE 4	N 6	NNE 5	NE
3	N 8	N 7	NNE 1	NNE 4	N 3	N 4	N 4	N 4	N 3	N 2	N 6	N
4	NE 3	NE 2	NE 2	NE 2	NE 1	NE 0	NE 0	NE 2	SE 2	SE 1	SW 1	SW
5	E 0	E 0	E 0	E 0	E 0	E 2	E 3	NE -1	N 2	N 6	NNE 5	NNE
6	N 9	N 7	N 7	N 6	N 6	N 3	N 5	N 6	N 9	N 8	N 10	N 14
7	N 6	N 7	N 6	N 5	NNE 3	SEE 6	NE 6	NE 5	NE 7	NE 8	NE 9	NNE
8	NE 0	NE 2	NE 8	NE 8	NE 9	NE 9	NE 7	NE 10	NE 10	NE 10	NE 10	NE 1
9	NNE 4	NNE 8	NNE 8	NNE 6	NNE 9	NNE 8	NNE 6	NE 0	NE 1	NNE 9	NNE 8	NNE
10	NNE 8	NNE 7	NNE 9	NNE 9	NNE 10	NNE 8	NNE 9	NNE 8	NNE 10	NNE 10	NNE 10	NNE 14
11	NE 3	NE 3	NE 3	NE 0	NE 0	NE 0	NE 0	NE 0	N 0	SW 0	SW 1	SW
12	SSW 2	SSW 4	S 5	SSW 5	S 3	S 1	S 4	SSW 7	SSW 6	SSW 9	SW 6	SW
13	SE 3	SE 0	SE 0	SE 0	N 4	N 6	N 4	N 7	NNE 5	NE 5	N 0	N
14	E 5	NE 5	NEE 6	NEE 5	E 4	NE 5	E 6	NE 5	N 5	N 3	N 5	N
15	NE 2	NE 3	NEE 4	NE 3	NE 3	NE 5	SE 3	SE 5	SE 4	SSE 1	SSE 6	SSE
16	SSE 2	SSE 2	SSE 2	SSW 3	SE 0	SE 0	SE 0	S 3	SSW 3	SSW 6	SSW 6	SW
17	S 0	SEE 2	SEE 2	SEE 3	SE 2	SE 1	N 0	NNE 0	NNE 1	NNE 0	SW 4	SW
18	SSW 4	S 4	SSW 5	SW 4	SW 5	SW 5	SW 6	SW 7	SW 7	SW 10	SW 8	SW
19	SSW 5	SSW 4	SW 3	SW 2	SSW 2	SSW 0	SSW 2	SSW 2	SSW 3	SSW 7	SSW 7	SSW
20	S 4	S 4	S 3	S 2	S 3	S 2	S 2	S 3	S 3	SW 3	SW 3	SW
21	SSE 10	SSE 10	S 10	S 4	SSW 10	S 13	S 9	S 5	NW 6	N 3	N 3	NWW 5
22	SSW 4	SSW 4	SSW 5	SSW 6	SW 7	S 5	SSW 7	S 4	SSW 2	SW 2	SSW 3	SW
23	S 4	SSW 3	SSW 2	S 6	S 6	S 8	SSE 7	SSE 7	SSE 6	SSE 8	SW 4	SSW
24	SSW 5	SSW 5	SSW 4	SSW 5	S 4	SSW 5	SSW 6	SSW 9	SSW 7	SSW 6	SW 8	SW
25	S 5	S 4	SSW 5	SSW 4	SW 1	SSE 3	SSE 2	SSE 5	SSE 5	SSE 4	S 5	SSW
26	SSW 2	SSW 0	W 0	NW 0	NW 1	NE 2	E 0	E 0	SSE 1	S 2	SSE 0	SSE
27	SE 6	SE 5	SSE 4	SSE 3	S 6	SSW 4	S 5	SSW 4	SSW 5	SSW 4	SSW 4	SSW
28	W 4	NWW 5	E 6	E 5	E 5	E 4	E 4	NEE 4	NE 0	NE 1	SEE 2	S 0
29	N 2	N 1	NNE 0	NNE 1	NE 0	NE 0	NE 0	NE 1	NE 3	NNE 5	NNE 5	N 5
30	NNE 3	NE 3	NE 5	NNE 5	NNE 5	NNE 3	N 3	N 2	N 1	N 0	NNW 3	N 0
Galip istikamet	SSW	SEE	E	NEE	E	E	E	NEE	NNW	NNW	W	W

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S A A T — H E U R E												Gün Jour
13	14	15	16	17	18	19	20	21	22	23	24	
NE 10	NNE 10	NNE 11	NE 14	NE 11	NE 13	NE 13	NE 12	NEE 13	NEE 15	NEE 9	NE 12	1
NE 7	NNE 5	NNE 10	NE 10	NE 9	NE 7	NE 9	NE 9	NNE 6	NNE 6	N 7	NWW 2	2
6 N	6 N	5 N	6 N	6 N	4 N	NNE 4	NE 4	NE 4	NE 3	NE 3	NE 3	3
V 1	SW 1	SW 1	SW 0	SE 0	NE 1	NE 3	E 1	E 0	E 0	E 0	E 0	4
5	NE 3	NEE 3	NNE 6	NE 5	NE 5	NE 7	NNE 5	NNE 6	NNE 9	NNE 7	N 10	5
8 N	8 N	10 N	10 N	8 N	8 N	6 N	7 N	8 N	6 N	6 N	6 N	6
NE 9	NNE 8	NNE 10	NE 10	NE 10	NE 8	NE 7	NE 6	NE 0	NE 0	NE 0	SEE 0	7
E 9	NE 11	NE 11	NE 10	NE 9	NE 8	NE 9	NE 8	NE 7	NE 6	NNE 5	NNE 6	8
NE 8	NNE 10	NNE 11	NNE 10	NNE 11	NNE 8	NNE 8	NE 9	NE 7	NNE 8	NNE 10	NNE 10	9
NE 9	NNE 10	NNE 9	NNE 10	NNE 10	NNE 9	NNE 6	NE 5	NE 3	NE 2	NE 3	NE 2	10
V 5	SW 4	SW 4	SSW 3	SW 2	SW 1	SW 1	SW 1	SW 1	SW 1	SW 1	SW 3	11
V 6	SW 7	SW 4	S 0	S 0	S 2	SSE 3	SE 2	SE 5	SE 3	SE 6	SE 5	12
8 N	7 N	7 NNE	8 NE	7 NE	7 NE	5 NE	7 NE	8 E	6 NEE	5 NEE	6 NEE	13
5	NNE 5	NNE 6	NE 8	NE 9	NE 9	NE 8	NE 6	NEE 6	NEE 4	NE 4	NE 3	14
E 8	SE 5	NE 5	SEE 3	E 6	SE 3	S 1	SE 9	SW 7	SW 5	SW 2	SW 2	15
V 6	SW 8	SW 7	SW 6	SWW 4	SSW 4	S 4	S 2	S 1	S 2	S 2	S 1	16
W 4	SSW 3	SSW 2	SSW 2	SW 3	SW 2	SSW 2	SSW 3	SSW 4	SSW 2	SSW 5	SSW 5	17
V 8	SSW 4	SW 10	SW 8	SSW 8	SW 5	SW 4	SW 3	SSW 4	SW 4	SW 2	SSW 4	18
V 8	SW 7	SW 6	SW 5	SW 4	SSW 2	SSW 1	SSW 3	S 2	S 1	S 3	S 3	19
VW 1	SW 1	SW 0	N 5	NE 4	SEE 9	SEE 8	SE 7	SE 11	SE 9	SSE 9	SSE 9	20
SW 4	SSE 6	SE 9	SSE 2	SSE 4	SSE 2	SSW 5	SSW 5	SSE 5	SSE 3	SW 1	S 4	21
W 4	SW 4	SSW 6	SSW 5	SSW 5	S 4	SSW 4	SSW 5	SSW 5	S 4	SSW 4	SSW 4	22
W 2	SWW 3	SSW 6	SSW 8	SSW 9	S 7	S 3	S 7	S 6	SSW 6	SSW 5	SSW 5	23
W 6	SW 6	SSW 8	SSW 6	SSW 6	SSW 6	SSW 3	SSW 4	SSW 4	SSW 4	SSW 4	SSW 4	24
SW 6	SSW 6	SSW 5	SSW 5	SSW 8	SW 8	SSW 4	SSW 3	SSW 4	SW 3	SW 6	SW 6	25
SE 3	S 2	SW 3	S 2	S 5	S 3	SSE 2	SE 5	S 9	S 3	SE 5	SE 4	26
SW 3	SSW 2	SWW 0	SW 1	SW 3	SSW 2	SSW 2	SSE 3	S 5	SSW 3	W 1	W 0	27
SW 1	SW 2	N 0	N 2	NE 4	NE 4	NNE 4	NNE 4	NNE 4	NNE 4	NNE 4	NNE 3	28
W 7	N 6	N 5	N 5	N 5	N 2	NNE 4	NE 3	NE 4	NNE 5	NNE 4	NNE 3	29
W 7	N 5	N 5	N 4	N 4	NE 5	E 5	E 5	E 5	E 5	E 5	E 4	30
SWW	W	NNW	NNW	N	SEE	S	SE	SE	SE	SSE	S	Galip istikamet

SAAT — HEURE

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1 2 3 4 5 6 7/ 8 9 10 11 12

1	NE 3	NE 3	NE 4	NEE 4	NE 5	SE 3	NEE 3	NEE 1	SSE 1	S 0	NE 0	SE
2	NNE 6	NE 7	NE 5	NE 6	NE 3	E 5	NNE 6	NNE 8	NNE 10	NNW 7	N 9	NNE 7
3	NE 3	NE 0	NNE 3	NNE 3	NNE 4	NNE 2	NE 1	NNE 2	N 2	N 4	N 5	N 6
4	NEE 3	NE 2	NEE 2	N 4	N 5	N 4	N 6	N 6	N 6	N 6	N 8	N 8
5	NE 6	NE 7	NE 5	NE 5	NE 6	NE 6	NEE 4	NEE 6	NE 3	N 4	NNE 6	NNE 7
6	NE 7	N 3	NNE 6	NNE 8	NNE 5	N 5	N 5	N 5	N 6	N 5	N 5	NNW 5
7	W 2	SW 4	SW 2	SW 3	SW 4	NNE 0	NNE 2	NNE 1	NNE 4	N 4	N 5	N 4
8	NNE 6	NNE 9	NNE 8	NNE 8	NNE 9	NNE 9	NNE 10	NE 9	NE 7	NNE 6	NNE 8	NNE 9
9	E 3	NE 2	NE 3	NE 4	NE 4	NE 3	NE 3	N 3	N 4	N 4	N 7	N 8
10	N 3	N 2	N 0	N 0	N 1	N 1	NW 0	NW 1	N 3	N 5	N 6	N 6
11	NNE 4	NNE 3	NNE 3	NNE 2	NNE 2	NNE 3	NE 0	N 2	N 2	N 4	N 5	N 6
12	NNE 3	NNE 2	NNE 4	NNE 5	NNE 4	NNE 5	NNE 3	N 5	N 5	N 5	N 6	N 6
13	NNE 3	NE 2	NE 3	NE 4	NE 5	NE 4	NE 4	NNE 3	N 4	N 5	N 5	N 4
14	NE 4	NEE 4	NE 5	NE 4	NE 5	NNE 5	NNE 3	NE 6	NE 4	N 4	NE 6	NNE 7
15	NNE 4	NNE 5	NNE 4	NNE 6	NNE 6	NE 4	NE 4	N 3	NNE 5	N 5	N 3	N 8
16	NE 6	NE 6	NE 7	NE 5	NE 6	NE 4	E 4	NNE 5	NE 4	NNE 5	N 6	N 4
17	NE 3	NE 4	NE 5	NE 3	NE 3	NE 3	NE 4	NE 5	NE 4	N 2	N 4	N 5
18	NEE 0	NEE 0	NEE 0	NEE 0	NEE 0	NEE 0	NEE 0	NEE 0	NEE 0	NEE 0	NW 0	SW 0
19	SW 2	SW 1	SE 0	SE 0	SW 2	SW 1	SW 1	SW 3	SW 5	SW 5	SW 2	SW 1
20	SW 1	SW 2	SW 3	SW 3	SW 1	SSW 3	SSW 3	SW 4	SW 3	SW 2	SW 3	SW 4
21	NWW 2	SSW 3	SSW 3	S 2	SSW 4	SSW 3	SW 4	SW 4	SW 4	SW 5	SW 4	SW 3
22	NNE 2	NNE 4	NNE 4	NE 4	NE 3	NE 2	NNE 0	N 3	N 4	N 5	N 5	N 4
23	E 4	E 4	NE 3	NE 4	NEE 4	NEE 5	SEE 7	NE 5	NEE 6	NNE 3	N 6	N 6
24	NE 6	NE 7	NE 7	NE 5	NE 6	NEE 7	NE 6	NNE 2	NNE 5	NNE 4	NNE 5	NE 6
25	NE 0	NE 5	NE 6	NEE 0	NEE 1	NEE 0	NEE 0	NE 0	SE 0	S 0	S 3	SSW 3
26	NNE 0	NNE 0	NNE 9	NNE 0	NE 0	NE 0	NNW 0	NNW 3	W 5	SWW 2	SSW 5	SSW 5
27	NEE 4	NE 5	E 6	NEE 4	NE 5	NE 5	SEE 5	NNE 6	N 4	N 5	N 6	N 6
28	NE 7	NE 8	NE 8	NNE 9	NNE 8	NNE 9	NNE 8	NE 7	NE 9	NE 11	NE 10	NE 13
29	NNE 7	NNE 7	NNE 5	NNE 5	NNE 3	NE 4	NE 6	NE 5	NE 6	NE 9	NE 9	NE 10
30	NEE 5	NEE 4	NEE 5	NE 5	NE 4	NE 2	NNE 4	N 5	N 7	N 7	N 8	N 10
31	NNE 9	NNE 9	NNE 8	NNE 8	NE 4	NE 4	NE 9	NNE 14	NNE 13	NNE 11	NNE 11	NNE 10

Galip
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NE NE NE NE NE NE NE NNE NNE N N N N

Vent

Mays 1937 — Mai 1937

S A A T — H E U R E												Gün Jour
13	14	15	16	17	18	19	20	21	22	23	24	
1 SE	1 N	5 N	6 NE	7 SEE	11 SEE	9 NE	8 NE	10 NE	8 NEE	9 NE	9	1
8 N	6 N	6 N	4 N	5 N	3 NNE	4 NE	4 E	5 NE	3 NE	3 NE	1	2
4 N	6 N	6 N	6 N	5 E	5 SE	5 E	5 NEE	4 NE	4 E	5 SEE	5	3
8 N	9 N	9 N	7 NNE	8 NNE	8 NE	7 NE	6 NE	6 NE	5 NNE	6 NE	7	4
10 NE	10 NE	11 NE	10 NE	9 NE	9 NE	11 NE	8 NNE	11 NNE	9 NEE	7 NNE	9	5
2 N	4 N	4 N	5 N	4 NNW	2 NNW	0 NW	3 NW	3 W	4 W	4 W	4	6
5 NNE	6 NNE	8 NNE	7 NE	8 NE	6 NE	8 NNE	8 NNE	8 NNE	8 NNE	7 NNE	7	7
9 NNE	9 NE	7 NE	7 NNE	7 NNE	6 NE	6 NE	4 E	4 NE	3 NE	2 NEE	5	8
9 N	9 N	9 N	8 N	5 N	5 N	5 N	4 N	3 N	3 N	3 N	3	9
5 N	6 N	4 N	5 N	5 N	5 N	4 NNE	4 NNE	4 NNE	4 NNE	4 NNE	3	10
8 N	8 N	8 N	7 N	6 NE	4 NE	5 NE	4 NE	5 NE	6 NE	3 NE	3	11
6 N	7 N	6 N	6 N	5 N	4 NNE	5 NNE	3 NNE	1 N	2 N	3 N	2	12
8 NNE	6 N	6 N	5 N	5 NNE	6 N	4 NEE	5 NEE	5 NEE	3 NE	4 NEE	4	13
8 NNE	8 N	7 N	6 N	5 N	3 NNE	5 NE	7 NE	7 NE	5 NNE	4 NNE	3	14
9 N	7 N	6 N	6 N	7 N	5 NE	4 NE	4 NNE	5 NNE	6 NNE	6 NE	7	15
5 N	6 N	7 N	7 NNE	6 NNE	5 NE	7 NE	6 NE	5 NE	5 NNE	5 NE	4	16
5 N	6 N	4 N	3 N	2 N	3 NE	2 NE	2 NE	0 NEE	2 NEE	0 NEE	0	17
3 SW	3 SW	3 SW	2 SW	0 SW	1 SW	2 SW	1 SW	1 SW	2 SW	1 SW	2	18
0 SW	2 SW	2 SW	0 SW	1 SW	2 SW	0 SW	3 SWW	2 SWW	0 SW	3 SW	3	19
4 SW	2 SW	2 N	6 N	4 N	2 NNE	3 NNE	0 NNE	0 NNE	1 NWW	2 NWW	0	20
3 N	5 N	4 N	4 N	4 N	4 N	2 NNE	3 NNE	4 NNE	4 NNE	0 NNE	2	21
9 N	6 N	6 N	6 NNE	4 NE	4 NE	3 NEE	4 NEE	4 E	4 SEE	5 SEE	2	22
8 NNE	7 NNE	9 NNE	8 NE	7 NE	7 NE	8 NE	7 NE	8 NE	11 NE	7 NE	6	23
5 NNE	6 NNE	10 N	7 N	4 NNE	5 NNE	5 NNE	6 NE	8 NE	6 NE	5 NE	7	24
5 SSW	5 SSW	4 SSW	3 SSW	3 SSW	2 SSW	0 NNE	2 NNE	2 NNE	0 NNE	0 NNE	0	25
5 SSW	4 SSW	5 SSW	3 SW	2 W	1 W	2 SEE	3 SEE	0 SEE	1 SEE	1 E	1	26
7 NNE	9 NE	8 NE	8 NE	7 NE	8 NE	8 E	7 E	9 E	9 E	10 NE	9	27
12 NE	9 NE	10 NNE	11 NE	11 NE	12 NE	10 NE	8 NE	7 NE	7 NNE	7 NNE	7	28
8 NE	10 NE	9 NE	9 NE	7 NE	5 NE	4 NE	4 NE	4 NNE	5 NE	5 NE	5	29
7 N	7 NNE	6 NNE	9 NNE	6 N	4 NNE	5 NNE	7 NNE	4 NNE	7 NE	7 NE	8	30
9 NNE	9 NNE	8 NNE	8 NNE	8 NNE	9 NE	6 NE	7 NEE	6 SEE	6 E	4 E	4	31
N	N	N	N	N	N	NNE	NE	NE	NE	NE	NE	Galip istikamet

S A A T — H E U R E

Gün Jour	S A A T — H E U R E											
	1	2	3	4	5	6	7	8	9	10	11	12
1	NEE 3	NE 5	NE 4	NE 5	NE 4	NE 3	NE 4	NE 6	NNE 5	NE 5	NE 6	N 6
2	SE 3	SE 0	SEE 2	E 4	SEE 2	SEE 1	SEE 0	E 0	NE 2	NE 2	NW 3	SW 4
3	S 4	SSW 4	SSW 4	SSW 4	SSW 3	SSW 4	SW 4	SW 5	SSW 5	SSW 3	SSW 5	SSW 6
4	SSE 3	SE 3	E 5	E 2	E 3	NE 3	NE 2	NEE 2	E 2	N 3	N 8	N 6
5	NNE 2	NEE 3	NE 3	NNE 3	NEE 3	NE 2	N 3	NNE 4	NE 3	N 3	N 7	N 8
6	SSE 3	SEE 0	SEE 2	NEE 0	NEE 0	NEE 0	NEE 0	NEE 0	NEE 1	N 2	N 3	N 6
7	NE 5	NE 4	NE 4	NE 3	NE 3	NE 3	NEE 4	NEE 5	NEE 5	SEE 7	NE 8	NE 10
8	NE 3	NE 2	NE 3	NE 4	NE 5	NE 3	NE 7	NE 8	NE 9	NNE 9	NE 8	NE 8
9	E 4	E 4	E 3	E 4	E 4	NE 5	NEE 4	SEE 6	NE 6	NNE 7	NNE 8	NNE 9
10	NE 2	NE 2	NE 2	NE 2	NE 1	NE 0	NEE 0	NE 0	SEE 0	SW 4	SW 4	SW 5
11	NE 4	NE 0	NE 0	NE 3	NE 2	NE 5	NE 2	N 6	N 6	N 8	N 7	N 6
12	NE 2	E 3	E 3	E 0	E 1	E 0	E 1	E 2	NNE 2	NNW 3	NNW 4	NW 4
13	SSW 3	SSW 2	SSW 3	SSW 4	SSW 3	SSW 3	SW 4	SW 4	SW 6	SW 4	SW 4	SW 3
14	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	NE 0	SW 1	SW 2	SW 3	SW 3
15	SEE 0	SEE 0	E 0	NNE 3	NNE 3	NNE 4	NNE 4	N 4	N 7	N 6	N 8	N 6
16	NE 5	NE 5	NE 5	NE 6	NE 5	NE 5	NEE 7	NEE 7	NE 7	NE 7	NE 8	NE 7
17	NE 6	E 5	NEE 6	NEE 5	NEE 5	NE 4	NE 5	N 4	N 6	N 6	N 7	N 7
18	NE 4	NNE 5	NNE 6	NNE 7	NNE 5	NNE 4	NE 4	N 5	N 6	N 6	N 4	N 6
19	NNE 5	NNE 5	NE 4	NE 4	NE 4	NE 6	NE 6	NE 7	NE 7	NE 8	NE 7	NE 6
20	NE 5	NE 4	NE 5	NE 6	NE 7	NE 6	NE 5	NE 8	NE 8	NE 9	NE 8	NE 9
21	NNE 6	NNE 6	NNE 7	NNE 7	NNE 7	NNE 5	NNE 5	N 5	N 5	N 6	N 6	NNE 7
22	NE 5	NE 5	NE 5	NE 4	NEE 3	NE 4	NE 5	NE 7	NE 8	NNE 6	N 8	N 6
23	NE 9	NE 7	NE 9	NE 8	NE 5	NE 6	NE 8	NE 10	NE 11	NE 13	NE 11	NE 12
24	NE 5	NE 6	NE 7	NE 5	NE 6	NE 6	NE 7	NE 7	NE 7	N 8	N 9	N 6
25	NE 4	NE 3	NE 3	NE 4	NE 4	NE 3	NE 4	NE 4	NNE 5	NNE 6	NNE 10	NNE 6
26	NE 4	NE 5	NE 4	NE 3	NE 4	NE 4	NE 1	NNE 5	N 3	N 6	N 8	N 6
27	NE 4	NEE 4	NEE 2	NEE 1	NEE 2	NEE 2	NE 3	NNE 5	N 6	N 8	N 8	N 6
28	NE 4	NE 4	NE 3	NE 3	NEE 3	NEE 1	NEE 2	N 1	N 3	N 6	N 8	N 6
29	E 4	E 3	NE 3	NE 4	NE 2	NE 3	NE 4	N 4	N 4	N 5	N 5	N 5
30	SE 3	SE 4	SE 5	SE 5	SE 3	SE 1	SE 0	SE 0	SE 0	SSW 3	SW 4	SW 4

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NEE NEE NEE NE NEE NE NE NE NE N N N

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Haziran 1937 — Juin 1937

S A A T — H E U R E												Gün Jour
13	14	15	16	17	18	19	20	21	22	23	24	
9 N	6 N	5 NNE	7 NNE	6 NE	6 NE	5 NE	5 SEE	5 SEE	4 SE	5 SE	6	1
5 SW	5 SW	4 SW	3 SW	4 SSW	3 SSW	2 SSW	3 S	0 S	2 S	4 S	5	2
5 SW	3 SSW	3 SSW	4 SSW	0 W	2 W	3 W	0 SSE	2 SSE	0 SSE	0 SSE	0	3
8 NNE	7 N	9 N	9 NNE	7 NNE	9 NNE	9 NE	7 NE	5 NNE	5 NE	4 NE	3	4
7 N	8 N	7 N	7 N	6 NE	5 NE	7 NEE	5 E	5 SEE	6 SEE	5 SEE	4	5
6 N	7 N	7 N	6 N	7 NNE	6 NNE	4 NNE	5 NNE	5 NNE	5 NE	4 NE	5	6
12 NNE	9 NNE	8 NE	8 NE	10 NE	9 NE	7 NE	8 NE	6 NE	6 NE	4 NE	3	7
7 NE	8 NE	10 NE	11 NE	9 NE	9 NE	8 NE	7 NE	5 NE	4 NE	6 NE	3	8
7 N	6 N	5 NNE	8 NNE	8 NNE	6 NE	6 NE	5 NE	4 NE	4 NE	3 NE	3	9
4 SW	4 SW	0 N	5 N	5 N	4 NNE	4 NNE	2 NNE	3 NNE	4 NE	4 NE	3	10
6 N	10 NNE	5 NNE	6 NNE	4 NE	4 NE	4 NE	4 NE	2 NE	2 NE	2 NE	2	11
4 SSW	3 NW	3 W	2 SW	3 SW	3 SSW	3 SSW	2 SSW	2 SSW	2 SSW	1 SSW	2	12
3 SWW	3 N	3 N	6 N	7 NNE	4 NNE	2 NE	0 NE	0 NE	2 NE	1 NE	0	13
3 SW	4 SW	1 N	5 N	5 N	3 NEE	3 E	3 E	5 SE	4 SEE	0 SEE	0	14
6 NNE	8 NNE	9 NNE	10 NNE	8 NE	9 NE	9 NE	9 NE	10 NE	8 NE	6 NE	5	15
8 NE	7 NE	8 NE	10 NE	10 NEE	8 NEE	5 NEE	5 NEE	5 NE	6 NE	5 NE	5	16
8 N	9 N	9 N	8 N	8 NNE	7 NNE	4 NE	7 NNE	5 NNE	4 N	6 NE	6	17
8 N	8 N	7 NNE	10 NNE	8 NNE	8 NE	8 NE	7 NE	6 NE	6 NNE	6 NNE	5	18
9 NE	10 NE	10 NE	10 NE	9 NE	9 NE	8 NE	7 NE	5 NNE	6 NNE	6 NE	6	19
10 NE	8 NE	11 NE	10 NE	9 NE	10 NE	9 NE	8 NE	7 NE	7 NE	6 NE	7	20
8 NE	9 NE	9 NE	10 NE	9 NE	6 NE	5 NE	5 NE	5 NE	3 NE	4 NE	5	21
11 NNE	10 NNE	10 NE	12 NE	11 NE	9 NE	11 NE	8 NNE	10 NNE	10 NNE	9 NNE	10	22
13 NE	12 NE	12 NE	11 NNE	12 NNE	12 NNE	9 NNE	8 NNE	8 NE	6 NE	7 NE	7	23
7 N	10 N	7 N	8 N	6 N	6 N	6 NE	6 NE	4 NE	3 NEE	5 NE	2	24
8 N	7 N	8 NE	10 NEE	9 NNE	8 NE	7 NE	6 NNE	6 NNE	6 NNE	6 NE	5	25
8 N	9 N	10 N	7 N	8 N	6 NNE	7 NE	7 NE	4 NE	6 NE	5 NE	4	26
9 N	8 N	9 N	9 NNE	9 NNE	7 NNE	6 NE	4 NE	3 NE	3 NE	4 NE	4	27
8 N	8 N	8 N	9 N	8 N	5 NNE	6 N	4 NNE	4 NE	4 E	4 E	3	28
8 N	7 N	7 N	6 NNE	6 SEE	5 SEE	6 SE	7 SE	7 SE	4 SE	5 SE	2	29
3 SWW	1 N	5 N	6 NE	5 SEE	5 SEE	7 SE	7 SE	10 SE	10 SE	9 SE	5	30
N	N	NNE	NNE	NNE	NE	NE	NE	NE	NEE	NEE	NEE	Galip istikamet

Gün Jour	S A A T — H E U R E															Yekûn Total
	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15	15—16	16—17	17—18	18—19		
1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.0	
2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.0	
3	—	—	—	—	—	0.1	0.5	1.0	1.0	1.0	1.0	1.0	0.4	—	6.0	
4	—	—	—	—	—	—	—	0.3	—	—	—	—	—	—	0.3	
5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.0	
6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.0	
7	—	—	—	—	—	0.2	0.1	1.0	1.0	1.0	0.3	0.8	0.6	—	5.0	
8	—	0.7	0.9	1.0	0.6	0.8	0.8	1.0	1.0	1.0	0.9	1.0	1.0	—	10.7	
9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.0	
10	—	0.7	0.7	0.3	0.5	0.8	0.3	0.4	0.2	—	0.1	0.5	0.9	—	5.4	
1 inci onluk	—	1.4	1.6	1.3	1.1	1.9	1.7	3.7	3.2	3.0	2.3	3.3	2.9	—	27.4	
11	—	0.9	1.0	1.0	0.5	0.4	1.0	1.0	1.0	1.0	1.0	0.6	0.7	—	10.1	
12	—	—	0.2	—	—	1.0	1.0	1.0	0.8	—	—	—	—	—	4.0	
13	—	—	—	0.3	1.0	0.8	—	0.5	0.2	—	0.1	0.2	—	—	3.1	
14	—	—	—	0.7	—	—	0.5	—	—	—	0.2	—	—	—	1.4	
15	—	0.9	0.3	—	—	—	—	—	—	—	—	—	—	—	1.2	
16	—	—	—	—	—	0.1	0.1	0.7	1.0	1.0	0.9	0.3	—	—	4.1	
17	—	—	—	—	—	—	—	—	—	—	—	0.7	—	—	0.7	
18	—	0.9	1.0	0.9	0.6	0.5	0.4	0.9	—	0.9	0.4	1.0	1.0	—	8.5	
19	—	0.5	0.7	0.3	—	—	0.1	0.2	1.0	0.6	0.4	0.7	—	—	4.5	
20	—	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.4	—	—	—	—	8.2	
2 kinci onluk	—	4.1	4.2	4.2	3.1	3.8	4.1	5.3	4.9	3.9	3.0	3.5	1.7	—	45.8	
21	—	—	—	—	0.1	0.7	0.1	—	—	0.2	0.1	0.5	0.4	—	2.1	
22	—	—	—	—	0.8	0.5	0.7	0.7	0.9	0.8	0.8	0.1	—	—	5.3	
23	—	—	0.6	0.1	0.4	0.1	—	—	—	—	—	—	—	—	1.2	
24	—	0.9	0.9	0.3	0.1	1.0	1.0	1.0	1.0	0.4	0.7	1.0	1.0	0.3	9.6	
25	—	0.3	0.5	0.7	0.9	0.7	0.4	0.3	0.8	0.2	0.1	—	—	—	4.9	
26	—	0.3	0.5	1.0	0.5	0.1	—	—	0.1	0.3	—	—	—	—	2.8	
27	—	0.9	1.0	1.0	0.8	0.7	0.6	0.4	—	0.1	—	—	—	—	5.5	
28	—	—	0.7	1.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5	—	9.4	
29	—	0.9	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	12.0	
30	—	0.1	0.1	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	—	9.8	
3 üncü onluk	—	3.4	4.9	5.7	6.3	6.8	5.8	5.4	5.8	5.0	4.7	4.1	3.9	0.8	62.6	
Yekûn	—	8.9	10.7	11.2	10.5	12.5	11.6	14.4	13.9	11.9	10.0	10.9	8.5	0.8	135.8	

Teşemmüs — *Insolation*

Mayıs 1937 — Mai 1937

Gün Jour	S A A T — H E U R E													Yekûn Total
	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	
1	0.1	0.3	—	0.2	0.2	0.4	0.9	0.9	1.0	0.3	—	—	—	4.3
2	0.7	1.0	1.0	1.0	0.9	0.7	0.9	1.0	1.0	1.0	1.0	0.7	0.5	11.4
3	—	—	—	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	8.4
4	—	—	0.2	0.7	0.9	0.8	0.3	0.4	1.0	1.0	1.0	0.5	—	6.8
5	—	—	0.8	1.0	1.0	1.0	1.0	1.0	0.8	0.4	0.3	0.2	—	7.5
6	—	—	—	—	—	—	—	—	—	—	—	—	—	0.0
7	—	—	—	—	—	—	—	—	—	—	—	—	—	0.0
8	—	—	—	—	0.9	1.0	0.7	1.0	1.0	0.5	1.0	1.0	0.7	7.8
9	0.6	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	11.9
10	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.1	—	0.6	0.5	0.3	8.9
İnci onluk	2.1	3.0	4.0	5.2	6.9	6.9	6.8	7.0	6.9	5.2	5.9	4.9	2.2	67.0
11	0.7	0.4	0.8	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	10.7
12	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	11.7
13	0.1	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	11.4
14	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	12.0
15	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	11.9
16	—	0.3	0.1	0.1	0.2	—	—	—	—	—	—	—	—	0.7
17	—	—	—	0.2	—	0.4	0.8	—	—	—	0.1	0.7	0.2	2.4
18	—	—	—	—	—	—	0.8	1.0	0.8	0.4	0.6	0.8	0.7	5.1
19	0.5	0.7	0.5	—	—	—	0.3	0.5	—	0.1	0.2	—	—	2.8
20	—	0.3	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.2	9.9
Kinci onluk	2.1	5.2	6.0	5.5	6.2	6.4	7.9	7.5	6.8	6.5	6.8	7.1	4.6	78.6
21	0.6	0.6	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	11.5
22	0.4	0.4	1.0	1.0	0.9	0.9	1.0	1.0	1.0	1.0	0.8	8.8	0.7	10.9
23	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	12.4
24	—	—	—	0.1	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.3	7.7
25	—	—	0.3	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	9.3
26	—	0.6	1.0	1.0	0.7	0.7	0.8	0.8	0.7	0.9	0.9	1.0	0.7	9.8
27	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	12.0
28	0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	11.6
29	—	0.1	—	0.1	—	—	—	0.1	0.2	0.8	0.8	0.4	0.2	2.7
30	0.7	0.6	1.0	1.0	0.9	1.0	1.0	0.8	1.0	0.8	1.0	1.0	0.1	10.9
31	—	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	11.1
Üçüncü onluk	2.9	5.6	7.9	8.7	8.9	9.6	9.8	9.7	9.9	10.5	10.5	10.1	5.8	109.9
Yekûn	7.1	13.8	17.9	19.4	22.0	22.9	24.5	24.2	23.6	22.2	23.2	22.1	12.6	255.5

Gün Jour	S A A T — H E U R E															Yekûn Tot.l
	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20		
1	0.4	0.5	1.0	1.0	1.0	0.8	0.9	0.8	1.0	1.0	1.0	1.0	1.0	0.3	11.7	
2	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	—	12.5	
3	—	—	—	—	0.1	—	0.9	0.8	—	—	—	—	—	—	1.8	
4	—	—	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	—	—	8.9	
5	0.1	—	—	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	9.9	
6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	13.2	
7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	13.1	
8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	13.1	
9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	13.3	
10	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	13.2	
1 inci onluk	5.9	6.5	7.1	8.4	9.1	8.8	9.8	9.6	9.0	9.0	9.0	9.0	7.8	1.7	110.7	
11	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	13.3	
12	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	—	12.9	
13	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	—	12.6	
14	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	—	12.4	
15	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	—	—	11.5	
16	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	13.1	
17	0.5	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	12.6	
18	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	—	12.9	
19	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	13.1	
20	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	13.2	
2 inci onluk	8.6	10.0	10.0	10.0	10.0	9.9	10.0	10.0	10.0	10.0	10.0	9.5	8.3	1.3	127.6	
21	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	13.1	
22	0.8	1.0	1.0	1.0	1.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	—	12.5	
23	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	13.2	
24	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	—	12.7	
25	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	13.1	
26	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	—	12.4	
27	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	13.0	
28	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	—	12.5	
29	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	12.9	
30	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.1	—	12.0	
3 üncü onluk	8.5	9.9	10.0	10.0	10.0	9.7	10.0	10.0	10.0	10.0	10.0	9.8	8.3	1.2	127.4	
Yekûn	23.0	26.4	27.1	28.4	29.1	28.4	29.8	29.6	29.0	29.0	29.0	28.3	24.4	4.2	365.7	

Toprağın hararet derecesi

Température de la terre

Nisan 1937 — Avril 1937

Gün — Jour	DERİNLİK — PROFONDEUR																	
	— 5 cm.				— 10 cm.				— 20 cm.				— 50 cm.				1m.	2m.
	7	14	21	Vasatı Moy.	7	14	21	Vasatı Moy.	7	14	21	Vasatı Moy.	7	14	21	Vasatı Moy.	14	14
1	9.5	12.3	9.9	10.6	10.3	12.0	10.8	11.0	11.3	11.7	11.6	11.5	12.6	12.7	12.5	12.6	12.4	11.8
2	9.5	11.8	9.2	10.2	10.0	11.3	10.1	10.5	10.8	11.0	10.9	10.9	12.4	12.1	12.0	12.2	12.4	11.8
3	9.0	18.0	10.0	12.3	9.5	14.3	12.0	11.9	10.4	11.1	11.5	11.0	11.9	12.0	12.0	12.0	12.3	11.8
4	9.7	16.0	11.7	12.5	10.4	13.3	12.4	12.0	11.2	11.7	12.6	11.8	12.0	11.9	11.8	11.9	12.2	11.9
5	10.9	12.0	10.4	11.1	11.2	12.0	11.1	11.4	11.7	12.2	11.7	11.9	12.0	12.3	12.2	12.2	12.0	11.9
6	8.8	11.1	8.4	9.4	9.6	10.6	9.5	9.9	10.6	10.5	10.4	10.5	12.1	11.7	11.7	11.8	12.0	12.0
7	7.6	13.4	7.0	9.3	8.4	11.8	8.8	9.7	9.5	10.0	10.4	10.0	11.5	11.4	11.2	11.4	11.9	12.0
8	4.7	13.3	8.1	8.7	6.0	10.8	9.5	8.8	8.0	9.0	10.4	9.1	11.2	10.8	10.6	10.9	11.8	12.0
9	7.3	8.6	7.5	7.8	8.0	8.7	8.4	8.4	9.0	9.0	9.2	9.1	10.7	10.7	10.8	10.7	11.6	12.0
10	6.5	11.1	6.9	8.2	7.2	10.4	8.4	8.7	8.4	9.3	9.7	9.1	10.6	10.4	10.3	10.4	11.5	12.0
inci luk	8.4	12.8	8.9	10.0	9.1	11.5	10.1	10.2	10.1	10.6	10.8	10.5	11.7	11.6	11.5	11.6	12.0	11.9
11	4.1	17.4	10.5	10.7	5.5	13.8	11.8	10.4	7.5	10.2	12.0	9.9	10.3	10.4	10.4	10.4	11.4	12.0
12	9.0	19.7	13.7	14.1	9.5	16.3	14.2	13.3	10.2	12.3	13.6	12.0	10.7	10.7	10.8	10.7	11.3	12.2
13	11.6	12.4	12.4	12.1	12.2	16.6	13.7	14.2	12.5	13.9	14.4	13.6	11.4	11.6	11.8	11.6	11.3	12.0
14	10.4	18.2	12.4	13.7	11.2	16.7	13.8	13.9	12.3	14.0	14.5	13.6	12.2	12.0	12.2	12.1	11.5	12.0
15	10.6	19.7	11.2	13.8	11.1	17.9	16.4	15.1	12.3	14.7	15.5	14.2	12.4	12.4	12.6	12.5	11.7	12.0
16	13.3	22.7	15.4	17.1	13.6	19.1	16.7	16.5	14.2	15.6	16.7	15.5	12.8	13.0	13.0	12.9	11.8	12.0
17	12.2	14.8	12.8	13.3	13.3	14.4	14.1	13.9	14.4	14.4	14.2	14.3	13.4	13.4	13.5	13.4	12.0	12.0
18	11.4	18.2	13.4	14.3	11.4	16.6	14.6	14.2	12.6	14.4	15.2	14.1	13.3	13.3	13.3	13.3	12.3	12.0
19	12.0	19.3	13.1	14.8	12.3	16.6	14.8	14.6	13.3	14.4	15.5	14.4	13.4	13.4	13.5	13.4	12.4	12.1
20	10.4	25.1	14.8	16.8	11.4	21.1	16.2	16.2	12.8	16.1	16.7	15.2	13.7	13.5	13.5	13.6	12.5	12.1
inci luk	10.5	18.8	13.0	14.1	11.2	16.9	14.6	14.2	12.2	14.0	14.8	13.7	12.4	12.4	12.5	12.4	11.8	12.0
21	13.0	14.7	13.0	13.6	14.0	15.3	14.5	14.6	14.8	14.8	15.2	14.9	13.8	13.8	14.0	13.9	12.6	12.1
22	11.2	21.6	14.8	15.9	12.0	18.4	15.9	15.4	13.2	15.0	16.2	14.8	14.0	13.8	13.7	13.8	12.8	12.1
23	13.0	17.4	12.8	14.4	13.4	15.9	14.0	14.4	14.3	15.1	14.8	14.7	14.0	14.0	14.2	14.1	12.8	12.2
24	11.4	21.6	13.3	15.4	11.6	18.0	15.2	14.9	13.0	14.7	15.7	14.5	14.0	14.0	14.2	14.1	12.8	12.2
25	11.4	20.5	14.1	15.3	11.5	18.4	15.4	15.1	13.1	15.8	16.0	15.0	14.0	14.0	14.0	14.0	13.0	12.3
26	12.6	21.4	15.4	16.5	12.5	18.3	16.4	15.7	13.7	15.8	16.6	15.4	14.1	14.1	14.2	14.1	13.2	12.3
27	13.5	21.4	16.5	17.1	13.5	20.0	17.4	17.0	14.5	16.9	17.5	17.3	14.4	14.4	14.6	14.5	13.2	12.4
28	14.0	28.8	16.8	19.9	14.3	23.8	19.1	19.1	15.2	18.5	19.6	17.8	14.8	14.8	15.0	14.9	13.4	12.4
29	15.4	25.6	16.4	19.1	14.4	22.7	18.6	18.6	16.0	18.7	19.5	18.1	15.4	15.5	15.6	15.5	13.6	12.5
30	13.5	26.8	15.8	18.7	14.4	23.2	18.4	18.7	15.8	18.6	19.5	18.0	16.0	15.7	15.7	15.8	13.8	12.5
inci luk	12.9	22.0	14.9	16.6	131.6	194.0	164.9	163.5	14.4	16.4	17.1	16.0	14.5	14.4	14.5	14.5	13.1	12.3
ylık vasatı	10.6	17.8	12.3	13.6	11.1	15.9	13.7	13.6	12.2	13.6	14.2	13.3	12.8	12.8	12.8	12.8	12.3	12.1

Toprağın hararet derecesi

Température de la terre

Mayıs 1937 — Mai 1937

DERİNLİK — PROFONDEUR

Gün Jour	— 5 cm.				— 10 cm.				— 20 cm.				— 50 cm.				-1m.	-2m
	7	14	21	Vasatı Moy.	7	14	21	Vasatı Moy.	7	14	21	Vasatı Moy.	7	14	21	Vasatı Moy.	14	14
1	14.2	25.6	13.4	17.7	14.6	21.7	14.1	16.8	16.0	18.1	15.5	16.5	16.0	16.0	16.0	16.0	13.8	12.5
2	13.5	23.4	15.1	17.3	14.2	20.4	17.4	17.3	15.8	17.5	18.3	17.2	16.2	15.8	15.7	15.9	14.0	12.7
3	13.2	26.1	16.5	18.6	13.8	21.8	18.5	18.0	15.2	17.4	19.0	17.2	15.9	15.7	15.8	15.8	14.3	12.7
4	13.6	22.4	14.7	16.9	14.3	19.1	16.9	16.8	16.0	17.7	18.2	17.3	16.1	15.9	15.8	15.9	14.3	12.8
5	12.8	25.1	15.5	17.8	13.9	22.1	17.5	17.8	15.4	18.1	18.6	17.4	15.9	16.0	16.0	16.0	14.4	12.8
6	13.5	14.8	13.5	13.9	14.5	15.0	14.3	14.6	15.8	15.5	15.0	15.4	16.1	16.0	15.7	15.9	14.4	12.8
7	13.2	14.8	12.2	13.4	13.4	14.9	13.6	14.0	14.3	14.7	14.8	14.6	15.4	15.3	15.2	15.3	14.4	12.9
8	11.4	19.0	11.9	14.1	11.8	16.7	13.9	14.1	13.2	14.7	15.4	14.4	15.0	14.8	14.7	14.8	14.4	13.0
9	10.8	21.1	14.2	15.4	11.3	1.88	16.2	15.4	12.8	15.7	16.6	15.0	14.7	14.6	14.7	14.7	14.4	13.1
10	12.6	22.0	14.8	16.5	12.4	19.0	16.6	16.0	13.8	16.7	17.2	15.9	15.0	14.7	14.8	14.8	14.4	13.2
1 inci onluk	12.9	21.4	14.2	16.2	13.4	19.0	15.9	16.1	14.8	16.6	16.9	16.1	15.6	15.5	15.4	15.5	14.3	12.9
11	13.4	24.6	15.8	17.9	13.0	20.8	17.8	17.2	14.4	16.9	18.3	16.5	15.2	15.1	15.4	15.2	14.4	13.3
12	13.7	25.9	16.5	18.7	14.2	22.2	18.5	18.3	15.4	18.1	19.1	17.5	15.6	15.5	15.5	15.5	14.4	13.3
13	13.6	27.4	17.8	19.6	14.3	23.2	19.9	19.1	15.8	18.7	20.3	18.3	15.9	15.8	16.0	15.9	14.4	13.4
14	15.0	26.9	17.2	19.7	15.0	23.6	19.3	19.3	16.3	19.3	20.0	18.5	16.6	16.3	16.4	16.4	14.6	13.4
15	14.6	27.9	18.6	20.4	15.4	24.1	20.5	20.0	16.9	19.8	20.8	19.2	16.7	16.7	16.8	16.7	14.7	13.4
16	15.6	21.4	16.6	17.9	16.5	19.8	17.8	18.0	17.6	18.4	18.9	18.3	17.5	17.0	16.8	17.1	14.9	13.4
17	15.2	24.0	17.4	18.9	15.8	21.8	17.8	18.5	16.8	18.4	19.2	18.1	16.8	16.8	16.8	16.8	15.0	13.4
18	16.5	27.3	18.3	20.7	16.6	22.3	19.8	19.6	17.2	18.5	20.0	18.6	17.0	16.9	16.8	16.9	15.2	13.5
19	16.6	25.0	18.4	20.0	16.0	21.6	19.6	19.1	17.0	18.8	19.8	18.5	17.4	17.2	17.2	17.3	15.2	13.5
20	16.5	29.4	20.2	22.0	16.5	24.9	21.5	21.0	17.3	20.1	21.6	19.7	17.3	17.3	17.3	17.3	15.4	13.6
2 inci onluk	15.1	16.0	17.7	19.6	15.3	22.4	19.3	19.0	16.5	18.7	19.8	18.3	16.6	16.5	16.5	16.5	14.8	13.4
21	18.9	31.1	21.8	23.9	18.6	26.7	23.4	22.9	19.0	21.7	22.4	21.0	17.8	17.8	17.8	17.8	15.5	13.6
22	18.6	30.9	21.0	23.5	18.8	26.6	22.7	22.7	20.0	22.2	23.1	21.8	18.5	18.5	18.5	18.5	15.8	13.7
23	18.0	30.5	20.4	23.0	18.6	26.4	22.5	22.5	19.8	22.4	23.1	21.8	18.8	19.0	19.0	18.9	15.9	13.8
24	18.4	30.1	20.8	23.1	18.8	25.8	22.4	22.3	19.8	21.7	22.8	21.4	19.2	19.0	18.9	19.0	16.3	13.8
25	19.2	30.0	21.7	23.6	19.2	26.0	23.2	22.8	20.0	22.1	23.4	21.8	19.3	19.3	19.4	19.3	16.4	13.9
26	20.3	30.7	21.9	24.3	20.2	26.6	23.4	23.4	20.7	22.8	23.6	22.4	19.5	19.4	19.4	19.4	16.6	14.0
27	19.0	32.0	21.8	24.3	19.4	27.7	23.8	23.6	20.4	23.4	24.3	22.7	19.8	19.9	20.0	19.9	16.8	14.0
28	20.2	29.5	20.0	23.2	20.5	26.2	21.9	22.9	21.4	23.1	23.7	22.7	20.3	20.0	20.0	20.1	16.9	14.3
29	19.0	22.8	18.8	20.2	19.1	21.4	20.5	20.3	20.1	20.6	21.1	20.6	20.1	19.8	19.7	19.9	17.2	14.5
30	17.8	28.6	21.8	22.7	17.6	25.5	23.0	22.0	19.0	21.6	22.8	21.1	19.8	19.4	19.4	19.5	17.3	14.5
31	17.8	25.9	17.4	20.4	18.7	23.6	19.8	20.7	20.0	21.4	21.5	21.0	19.6	19.6	19.6	19.6	17.4	14.5
3 inci onluk	18.8	29.3	20.7	22.9	19.0	25.7	22.4	22.4	20.0	22.1	22.9	21.7	19.3	19.2	19.2	19.3	16.6	14.1
Vasatı	15.7	25.7	17.6	19.7	16.0	22.5	19.3	19.3	17.2	19.2	19.9	18.8	17.3	17.1	17.1	17.2	15.3	13.5

Toprağın hararet derecesi

Température de la terre

Haziran 1937 — Juin 1937

DERİNLİK — PROFONDEUR

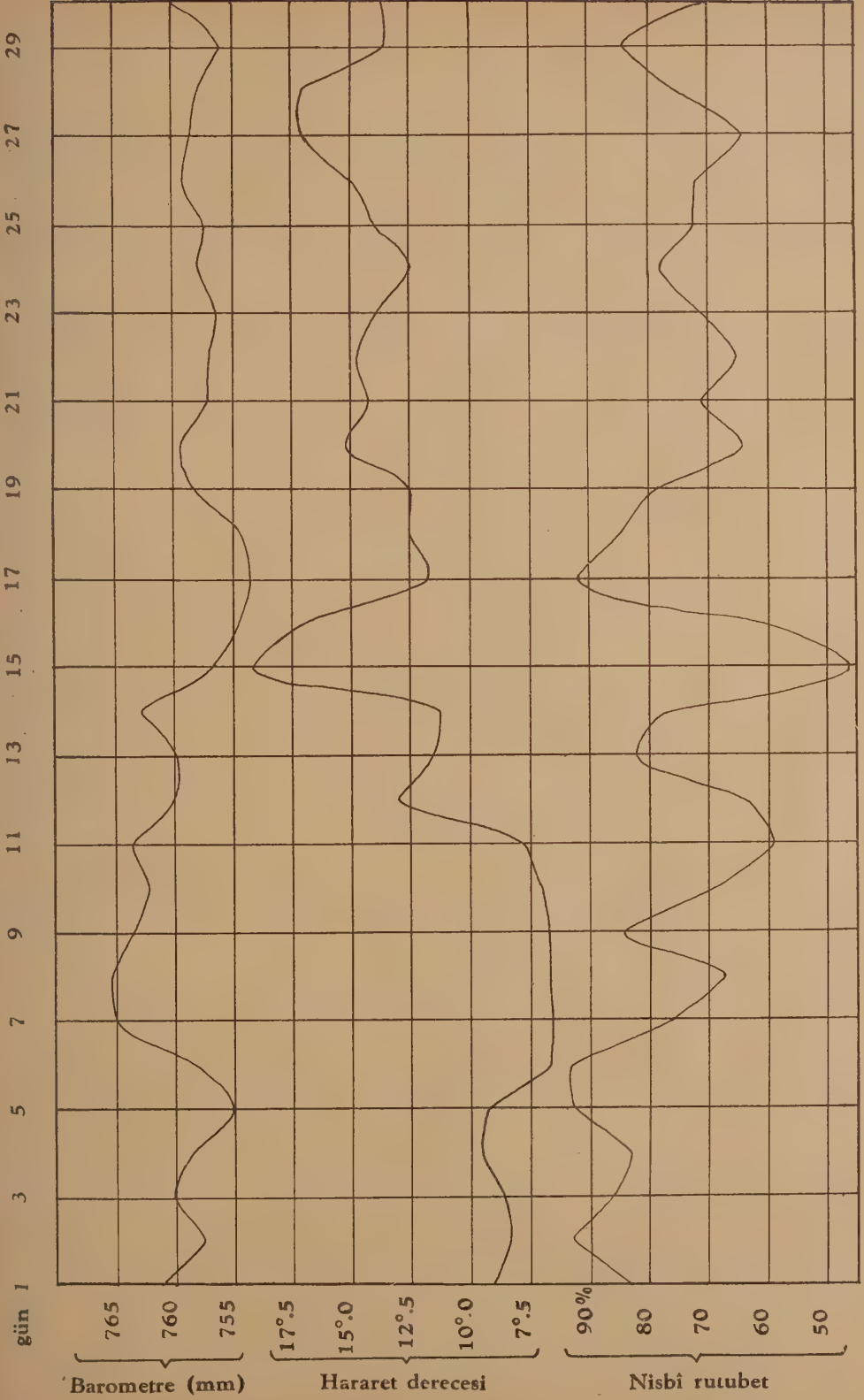
— 5 cm.				— 10 cm.				— 20 cm.				— 50 cm.				-1m.	-2m.
7	14	21	Vasatı Moy.	7	14	21	Vasatı Moy.	7	14	21	Vasatı Moy.	7	14	21	Vasatı Moy.	14	14
14.5	26.4	17.5	19.5	15.8	22.8	18.8	19.1	18.4	20.0	21.0	19.8	19.6	19.2	19.0	19.3	17.3	14.6
15.7	30.0	20.5	22.1	15.4	25.3	22.2	21.0	17.4	20.8	22.3	20.2	19.1	19.0	19.0	19.0	17.3	14.6
18.0	27.0	19.7	21.6	18.0	22.5	20.4	20.3	19.0	19.7	20.7	19.8	19.3	19.1	18.9	19.1	17.3	14.8
18.8	30.4	21.8	23.7	18.8	26.5	23.6	23.0	19.3	22.3	23.4	21.7	19.0	19.0	19.5	19.2	17.1	14.8
19.6	31.4	21.8	24.3	19.7	26.8	23.6	23.4	21.5	22.5	23.8	22.6	19.7	19.6	19.8	19.7	17.4	15.0
19.5	33.8	24.0	25.8	18.8	28.5	25.2	24.2	20.4	23.5	24.8	22.9	20.0	20.0	20.0	20.0	17.5	15.0
19.7	31.8	20.9	24.1	19.8	27.3	23.3	23.5	21.4	23.3	24.0	22.9	20.4	20.3	20.3	20.3	17.5	15.0
18.3	31.3	21.0	23.5	18.3	26.3	23.2	22.6	20.2	22.3	23.6	22.0	20.4	20.3	20.2	20.3	17.6	15.1
19.5	33.3	21.7	24.8	18.6	27.8	24.0	23.5	20.0	22.8	24.5	22.4	20.5	20.3	20.3	20.4	17.7	15.1
19.7	35.2	24.5	26.5	19.0	28.8	25.8	24.5	20.4	23.5	25.4	23.1	20.5	20.5	20.4	20.5	17.6	15.2
18.3	31.1	21.3	23.6	18.2	26.3	23.0	22.5	19.8	22.1	23.4	21.7	19.9	19.7	19.7	19.8	17.4	14.9
20.7	31.3	23.2	25.1	20.2	27.9	25.4	24.5	21.5	24.4	25.7	23.9	20.8	20.7	20.7	20.7	17.8	15.3
20.8	36.7	25.4	27.6	20.3	29.8	26.7	25.6	21.8	24.6	26.4	24.3	21.1	21.2	21.2	21.2	17.9	15.4
22.3	38.8	26.3	29.1	21.8	31.7	28.0	27.2	22.8	25.8	27.5	25.4	21.5	21.4	21.5	21.5	18.0	15.4
22.8	40.4	27.8	30.3	22.1	32.7	29.5	28.1	23.4	26.7	28.8	26.3	21.9	21.9	22.0	21.9	18.2	15.5
25.0	39.2	26.7	30.3	23.7	32.5	28.6	28.3	24.5	27.2	28.4	26.7	22.7	22.5	22.4	22.5	18.4	15.5
22.6	28.2	25.0	28.6	22.8	31.8	28.0	27.5	24.5	27.0	28.2	26.6	22.9	22.8	22.8	22.8	18.5	15.5
22.6	37.4	25.1	28.4	22.5	31.4	27.5	27.1	23.8	26.4	27.7	26.0	23.0	22.8	22.8	22.9	18.8	15.8
22.8	38.0	25.5	28.8	22.5	31.9	28.3	27.6	23.9	26.8	28.4	26.4	23.0	22.9	23.0	23.0	18.8	15.8
22.6	38.0	24.6	28.4	22.5	31.4	26.4	26.8	24.0	26.5	27.8	26.1	23.4	23.2	23.0	23.2	18.8	15.8
23.1	38.7	25.4	29.1	22.2	32.1	28.0	27.4	23.7	26.8	28.4	26.3	23.3	23.4	23.2	23.3	19.0	16.1
22.5	37.7	25.5	28.6	22.1	31.3	27.6	27.0	23.4	26.2	27.7	25.8	22.4	22.3	22.3	22.3	18.4	15.6
23.7	39.6	25.8	29.7	22.7	33.3	28.5	28.2	24.2	27.5	28.7	26.8	23.5	23.3	23.2	23.3	19.3	16.1
23.3	35.7	24.5	27.8	22.7	30.8	27.2	26.9	24.5	26.6	27.6	26.2	23.7	23.5	23.5	23.6	19.4	16.2
23.2	36.6	24.6	28.1	22.5	31.0	27.4	27.0	24.0	26.5	27.9	26.1	23.7	23.3	23.4	23.5	19.4	16.2
23.4	39.5	26.6	29.8	22.4	32.8	29.2	28.1	24.0	27.3	29.0	26.8	23.6	23.5	23.5	23.5	19.5	16.2
23.7	40.6	25.8	30.0	23.4	33.5	28.7	28.5	25.0	27.9	29.2	27.4	24.0	23.7	23.7	23.8	19.5	16.3
22.9	40.0	26.8	29.9	23.0	33.2	29.5	28.6	25.0	28.0	29.7	27.6	24.1	24.2	24.0	24.1	19.5	16.3
24.0	40.3	26.5	30.3	24.0	33.6	29.3	29.0	25.6	28.3	29.7	27.9	24.5	24.3	24.3	24.4	19.8	16.4
26.1	41.7	29.5	32.4	24.4	34.5	31.8	30.2	25.2	28.8	31.0	28.3	24.6	24.5	24.5	24.5	19.9	16.4
25.5	43.3	28.1	32.3	24.4	35.3	30.9	30.2	26.0	29.4	31.1	28.8	25.0	24.8	24.8	24.9	20.2	16.5
25.5	46.0	30.8	34.1	24.4	36.5	33.0	31.3	26.4	30.0	32.4	29.6	25.2	25.4	25.2	25.3	20.2	16.5
24.1	40.3	26.9	30.4	23.4	33.5	29.6	28.8	25.0	28.0	29.6	27.6	24.2	24.1	24.0	24.1	19.7	16.3
21.7	36.4	24.6	27.5	21.2	30.3	26.7	26.1	22.7	25.4	26.9	25.0	22.1	22.0	22.0	22.0	18.5	15.8

Ay günlerinin hadiselere göre tevzii

Distribution des jours du mois selon les phénomènes

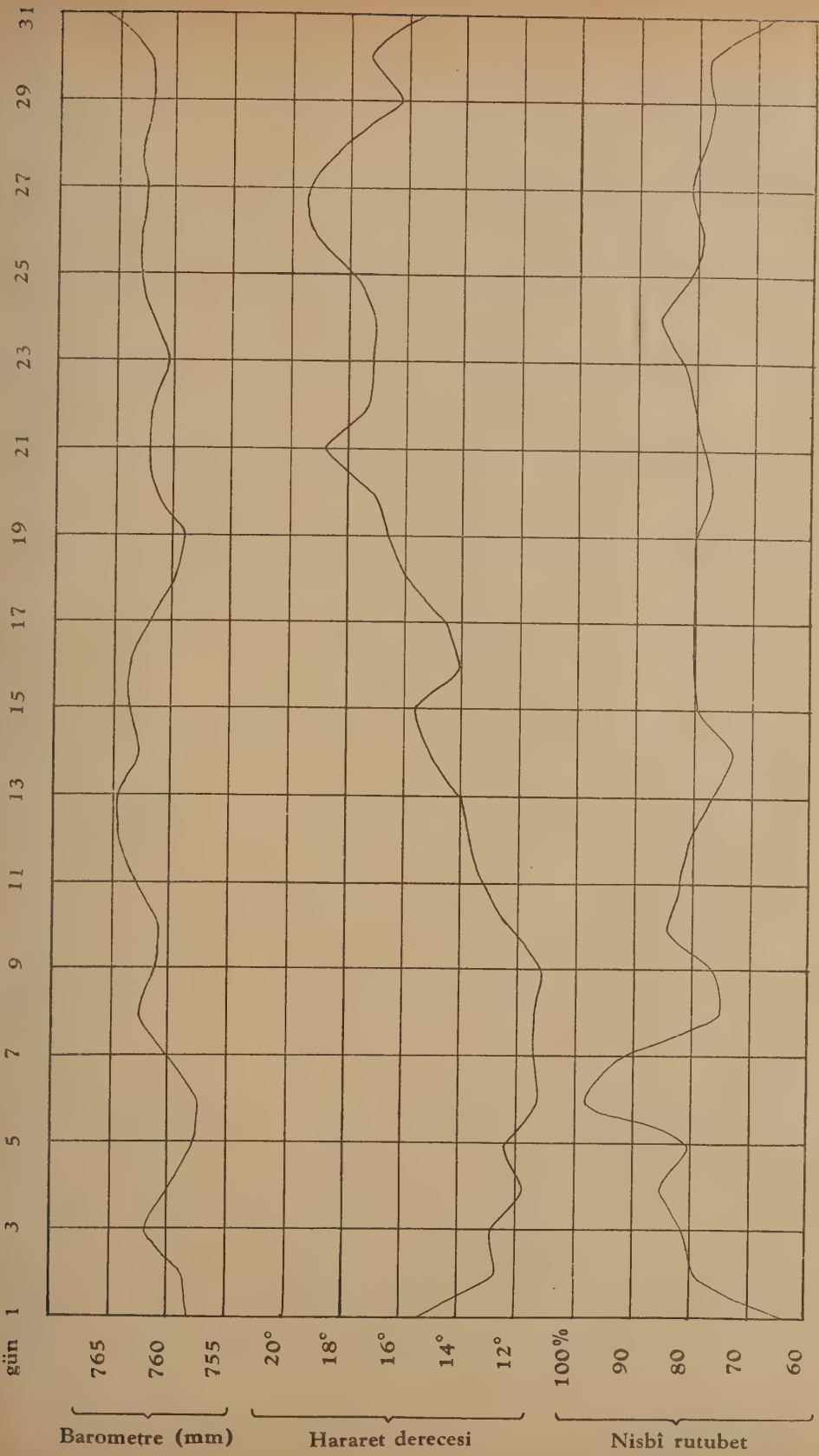
Ay Mois	Açık Ouvr	Bulutlu Nuageux	Kapalı Couvert	Yağmurlu Pluvieux	Karlı Neigeux	Dolulu Gréleux	Tipili Tempête de neige	Fırtınalı Tempête	Az donlu Gélee	Çok donlu Sans dégel	Kırağlı Gelée balnche	Çiyli Rosée	Şimşekli Éclair	Ra'dlı Tonnaire	Sisli Brouillard	Puslu
Nisan Avril	5	5	20	13	1	1	—	4	—	—	—	6	1	1	6	
Mayıs Mai	13	11	7	4	—	—	—	2	—	—	—	6	—	—	10	
Haziran Juin	27	3	—	1	—	—	—	2	—	—	—	5	—	—	—	

Nisan 1937 (Avril)



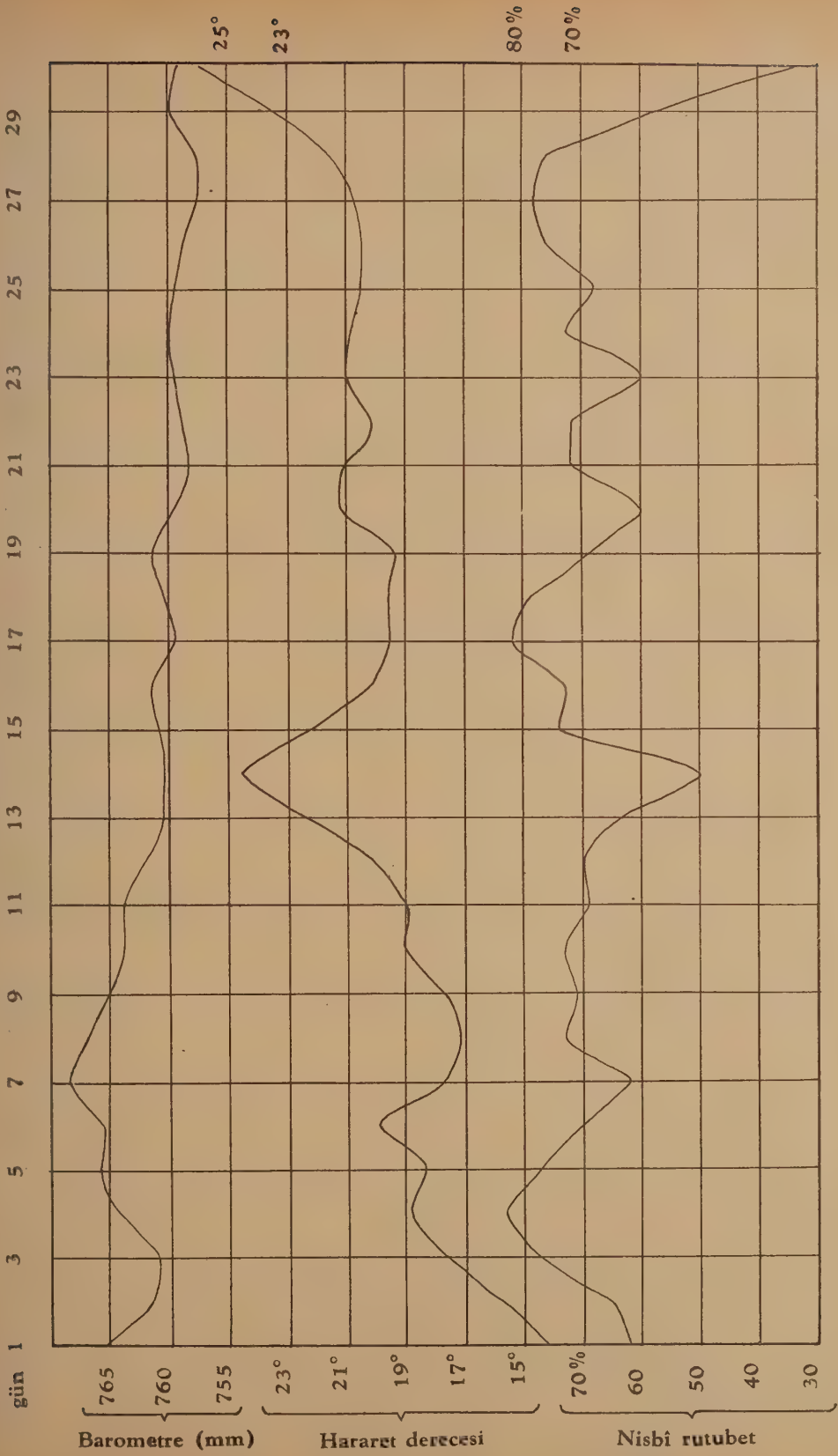
Tazyık, hararet derecesi ve nisbi rutubetin günlük grafikleri
Graphiques de la pression, température et humidité relative diurne

Mayıs 1937 (Mais)



Tazyık, hararet derecesi ve nisbi rutubetin günlük grafikleri
Graphiques de la pression, température et humidité relative diurne

Haziran 1937 (Juin)



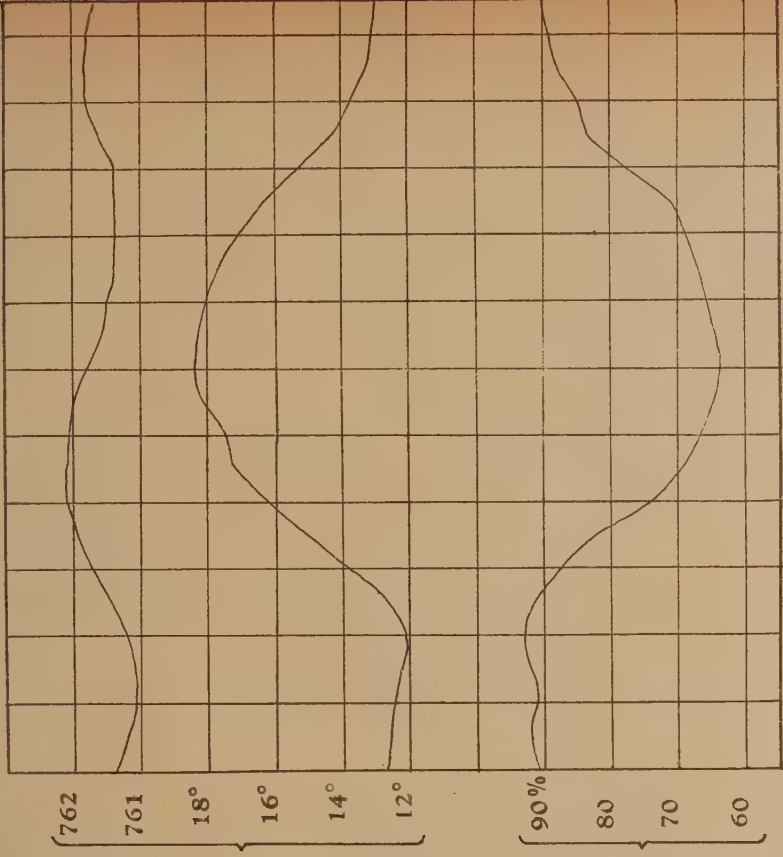
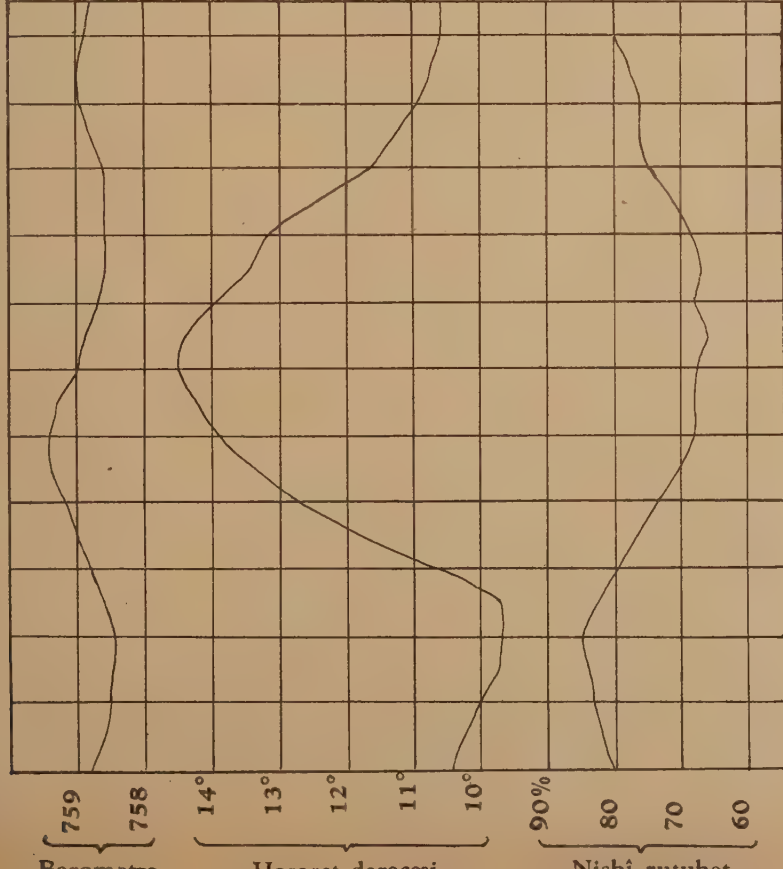
Tazyık, hararet derecesi ve nisbi rutubetin günlük grafikleri
Graphiques de la pression, température et humidité relative diurne

Nisan 1937 (Avril)

Mayıs 1937 (Mâis)

saat 1 3 5 7 9 11 13 15 17 19 21 23 24

1 3 5 7 9 11 13 15 17 19 21 23 24

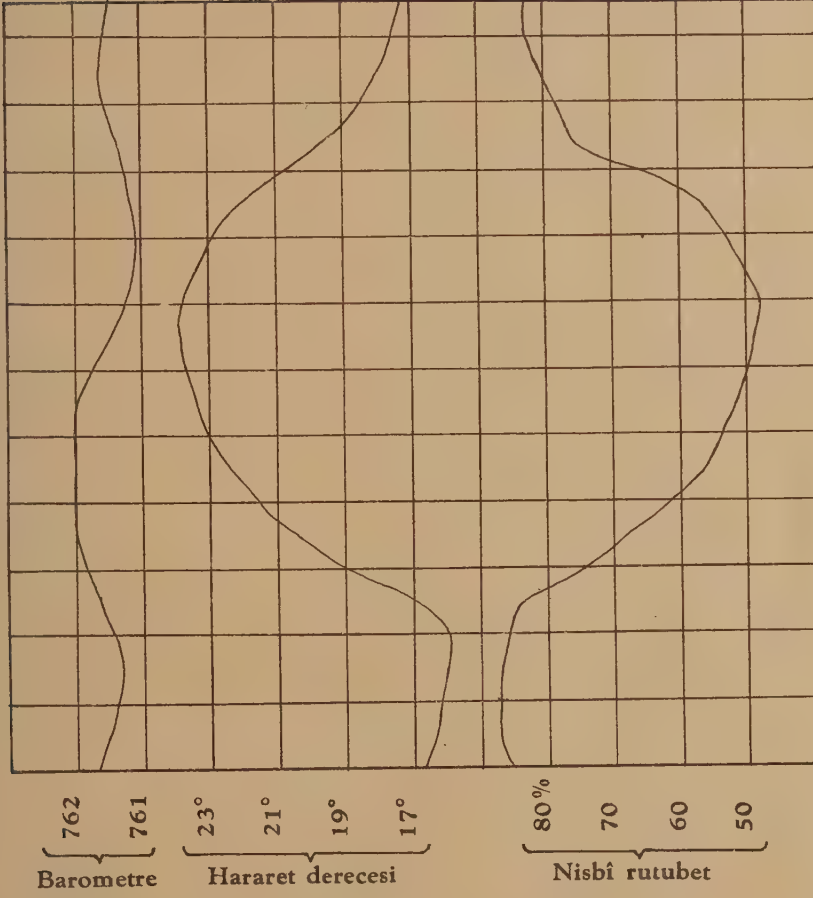


Tazyik, hararet derecesi ve nisbî rutubetin saatlik grafikleri

Graphiques de la pression, température et humidité relative horaire

Haziran 1937 (Juin)

saat 1 3 5 7 9 11 13 15 17 19 21 23 24



Tazyik, hararet derecesi ve nisbî rutubetin saatlik grafikleri
Graphiques de la pression, température et humidité relative horaire

Vertical text on the left margin, possibly a page number or title.

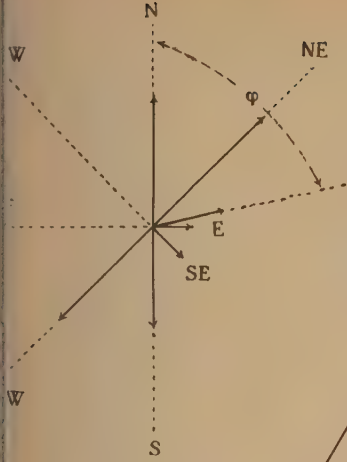
Main body of vertical text, likely a list or index.

Vertical text on the right margin, possibly a page number or title.

Horizontal text at the bottom of the page, possibly a footer or summary.

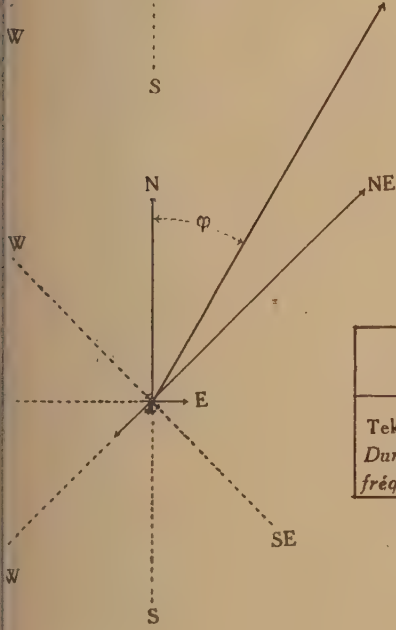
Rüzgâr grafikleri
Graphiques du vent

Nisan 1937 (Avril)



İstikamet Direction		N	NE	E	SE	S	SW	W	NW	Sakin Calme	Yekûn Total
Tekessür Durée de fréquence	Saat h.	139	165	32	43	110	144	6	3	78	720
	%	19	23	5	6	15	20	1	0	11	100

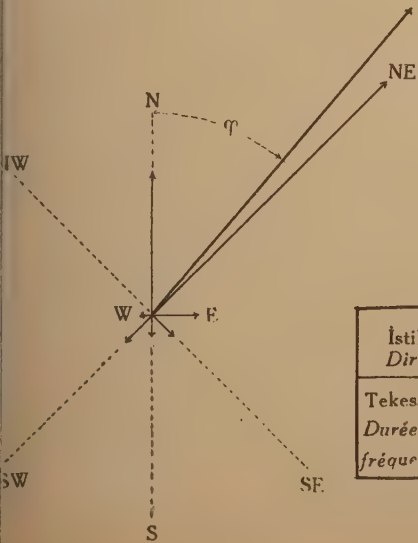
Galip istikamet $\varphi = 77^\circ$



Mayıs 1937 (Mars)

İstikamet Direction		N	NE	E	SE	S	SW	W	NW	Sakin Calme	Yekûn Total
Tekessür Durée de fréquence	Saat h.	224	329	44	5	10	62	8	6	56	744
	%	30	44	6	1	1	8	1	1	8	100

Galip istikamer $\varphi = 29^\circ$



Haziran 1937 (Juin)

İstikamet Direction		N	NE	E	SE	S	SW	W	NW	Sakin Calme	Yekûn Total
Tekessür Durée de fréquence	Saat h.	152	351	48	27	21	46	5	3	67	720
	%	21	49	7	4	3	6	1	0	9	100

Galip istikamet $\varphi = 39^\circ$

II — Deniz rasatları (Observations de la mer)

Bitişik sahifedeki birinci cetvel Arnavutköyündeki akıntı anafor mahallindeki maroğraf ile ölçülen deniz seviyesine ait tahavvülâtı gösterir. Bu cetvelin başlık satırı aylar ve başlık sütunu da ayın günlerini gösterir.

Udul deniz seviyesinin, rıhtım üzerinde tespit edilmiş olan bir pirinç işaretin merkezinden itibaren alçalmadan ibarettir. Bu alçalma miktarı santimetre ile gösterilmiştir. Cetveldeki miktarlar udulların günlük vasatisidir. Son satır dahi aylık vasatidir. Maroğraf kaleminin irca nisbeti $1/5$ dir, Tabiidir ki cetveldeki hakiki kıymetler bu nisbete göre cetvelin diyagram iş'arından irca edilmiştir. Seviyei vasatiyenin nâzımı miktarı henüz tahavvül etmemiştir. Maroğraf kâğıdının sıfırı, işaret merkezinden 168.2 santimetre yüksektir. 7 numaralı diyagram bu seviye tahavvülâtına aittir. Seviyenin başlıca tahavvülü tazyik tahavvülüne tâbi olduğundan mukayese için nokta ve çizgi ile tazyik tahavvülü tersim edildiği gibi meddicezir tesirini de takip edebilmek için içtima, istikbal ve terbiyenin zamanları da gösterilmiştir.

Aynı sahifedeki ikinci cetvele Kandilli iskelesi dubası üzerinden ölçülen suyun sathının ve 15 metre derinliğinin hararet derecesi dercedilmiştir. Bu cetvelin başlık satırları ayları göstermektedir. Sath (0) metre ile gösterilmiştir.

Deniz hararet derecesi her gün sabahleyin saat sekiz raddelerinde Negretti Zambra sistemi termometre ile ölçülmektedir.

Deniz seviyesi ve hararet derecesi

Niveau et température de la mer

Günler - Jours Aylar - Mois	(cm) Udul Ecart			Hararet derecesi — Température					
				Nisan Avril		Mayıs Mai		Haziran Juin	
				m. 0	m. -15	m. 0	m. -15	m. 0	m. -15
	Nisan Avril	Mayıs Mai	Haziran Juin						
1	37.2	32.7	33.1	—	—	9.9	9.7	—	—
2	23.2	26.7	27.4	7.5	7.6	—	—	—	—
3	17.7	30.7	24.2	7.3	7.7	8.9	8.8	—	—
4	—	28.0	26.9	7.5	7.5	—	—	—	—
5	—	29.7	30.4	7.5	7.6	9.4	9.4	—	—
6	27.5	24.5	30.0	7.2	7.5	9.9	9.8	—	—
7	25.6	22.5	38.4	7.4	7.3	10.5	10.1	—	—
8	32.1	31.6	38.6	7.6	7.5	10.9	10.9	—	—
9	30.5	28.7	34.3	7.9	7.6	11.5	11.4	—	—
10	29.9	24.4	32.5	7.9	7.9	11.9	11.9	—	—
11	26.6	27.4	29.1	—	—	12.3	12.1	—	—
12	22.4	30.8	27.8	8.0	8.3	12.5	12.5	—	—
13	21.0	32.1	22.5	8.3	8.3	12.2	12.1	—	—
14	31.9	32.6	22.6	8.5	8.3	12.2	12.2	—	—
15	14.8	30.7	23.1	8.5	8.6	—	—	—	—
16	6.2	30.7	27.6	8.6	8.5	12.7	12.3	—	—
17	9.2	29.8	23.0	—	—	—	—	—	—
18	10.5	24.6	20.4	8.9	8.9	—	—	—	—
19	16.0	22.7	26.2	8.7	8.7	—	—	—	—
20	16.6	26.0	27.3	9.3	9.3	—	—	—	—
21	9.7	24.1	21.1	—	—	13.6	13.7	—	—
22	13.9	18.2	20.2	9.0	9.0	—	—	—	—
23	9.2	18.2	27.8	9.3	9.1	—	—	—	—
24	17.5	20.8	27.8	9.5	9.4	—	—	—	—
25	17.9	21.9	21.4	9.4	9.3	—	—	—	—
26	20.2	24.3	20.3	9.2	9.1	—	—	—	—
27	14.5	26.5	21.1	9.6	9.4	—	—	—	—
28	18.9	31.3	20.9	8.7	8.6	15.4	15.4	—	—
29	16.5	31.6	20.7	8.9	8.7	—	—	—	—
30	26.8	25.9	21.2	9.9	9.8	—	—	—	—
31	—	29.1	—	—	—	—	—	—	—
Vasatı	20.1	27.1	26.3	8.5	8.4	10.9	11.5	—	—

Maroğrafın sistemi
(Système du marographe) : Jules Richard

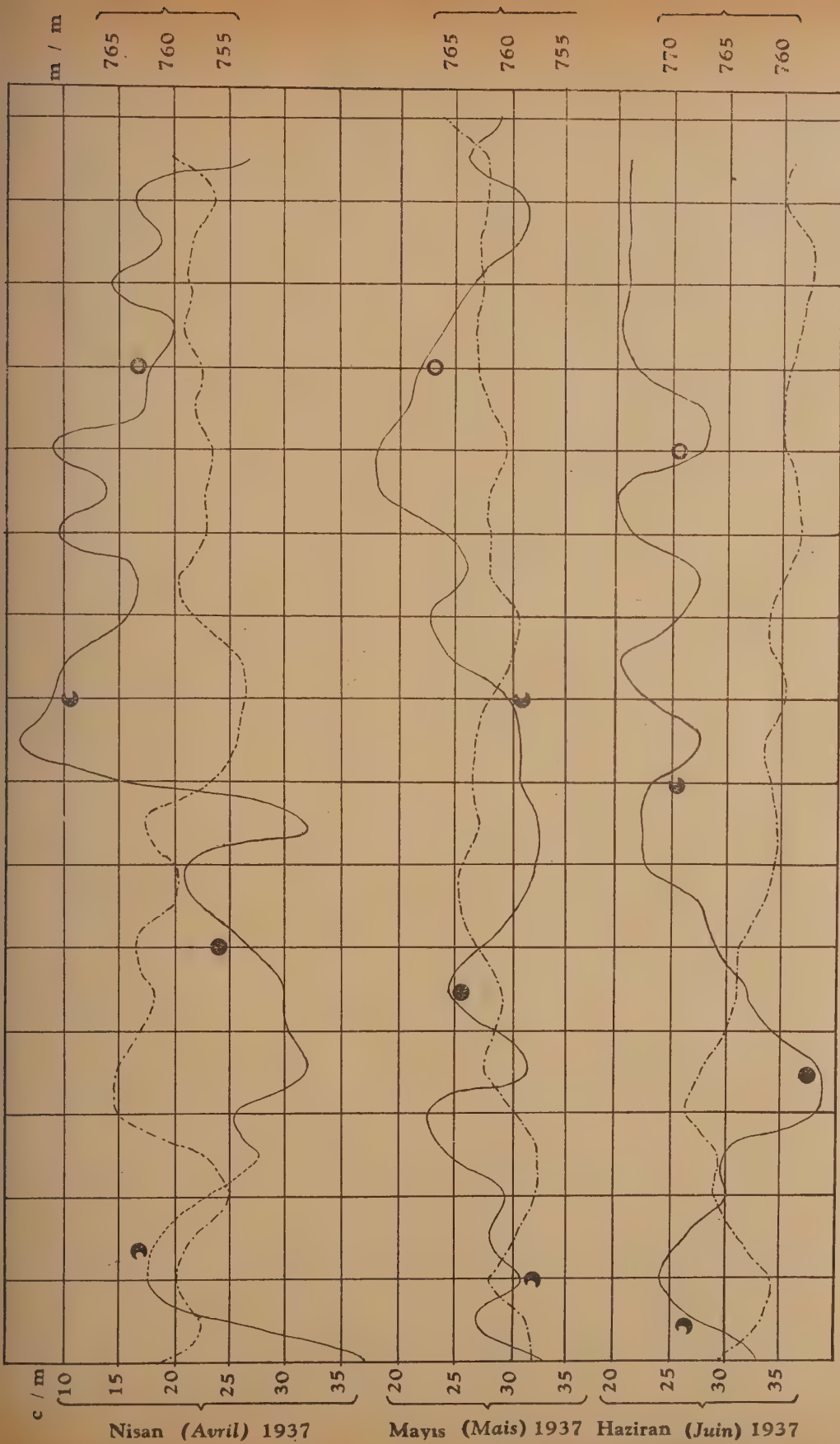
Redüktör
(Reducteur) : 1/5

Mevkii
(Station) : Arnavutköy

Reper : Rıhtımdaki piring dairenin merkezi
(Repère) : Le centre du disque en laiton fixé au quai:

Termometrenin cinsi
(Type du thermomètre) : Negretti zanbra

Rasat mahalli
(Lieu d'observation) : Kandilli İskelesi



Not : — Deniz seviyesini ----- Barometre irtifainı, soldaki adetler röperden aşağı deniz seviyesini sağdakiler barometreyi gösterir.

— Indique le N. de la mer : ----- La hauteur du baromètre, les chiffres à gauche indiquent le N. de la mer audessous du repère, les chiffres à droit la hauteur du baromètre.

III — Sismoloji (Séismologie)

Bitişik sahifeler zelzeleleri ve bunların asli ve tali safhalarının zamanlarını gösterir. İtrenti (Microséisme) ler dahil değildir. Cetvelin birinci sütunu tarih ve ikinci sütunu teymelmilel kabul edilmiş olan safha işaretleridir. Bu işaretlerden P_n veya $\bar{P}$ ihtizazın başlangıcını, F nihayetini ve iM de en şiddetli ihtizaz safhasını iş'ar eder. Üçüncü sütun da Türkiye saatile safhaların zamanlarıdır. Dördüncü sütunda N-S mürekkibesinden alınan en büyük sianın devir müddeti gösterildiği gibi beşinci ve altıncı ve yedinci sütunlarda en büyük sia miktarı milimetre olarak gösterilmiştir. A_N şimal-cenup mürekkibesine A_E şark-garp mürekkibesine aittir. Tahmin edilen fevkalmerkez mesafe Δ ile en sütunda kilometre ile gösterilmiştir. Ve mülâhazat hanesinde de hâdisenin vuku olduğu istihbar edilen mahal-icap ederse coğrafi vaziyetlerle beraber-kaydedilmiştir. Eğer hâdisе memleket dahilinde ise icap eden umumî karakteri de ilâve edilmiştir. Sayılar Galitzin sistemi sismoğrafından alınmıştır. Eğer diğer aletlerden alınmış ise mülâhazat hanesinde ayrıca gösterilmiştir.

Sismoloji rasâtları — (Observations sismologiques)

Aletin sistemi (Système du sèismographe): Galitzin

Tarih Date	Safhalar Phases	Zamanlar h. m. Sec	N—S Mürekkebe- sinde Period Sec	A _N mm.	A _E mm.	A _Z mm.	Δ km.	MULÂHAZAT Remarques
Nisan Avril 1937								
5	P _n PR ₁ PR ₂ SSP S _n PS F	9.10.30 14.23 16.37 21.07 22.05 23.15 11.30.—	18	12	14	13	10.800	
7	P _n S _n i M F	8.35.31 39.09 43.39 9.32.—	11	33	29		2.200	
16	i P _n PR ₁ S _n SR ₁ SR ₂ F	5.21.05 24.44 31.54 37.58 42.08 6.30.—	12	59°	46	22	10.300	
28	P _n R _i PS S F	4.38.31 39.31 40.06 5.05.—	8	67	48	45	590	
29	P _n S _n e L i M F	20.20.02 26.34 38.24 41.10 ?	13	15	2	12	4.700	
29	i P _n S _n i M F	21.05.34 15.57 47.17 ?	15	29	8	35	9.200	
29	P _n S _n F	22.30.09 39.06 23.55.—					7.500	

Tarih Date	Safhalar Phases	Zamanlar h. m. Sec	N — S Mürekkebe- sinde Period Sec	A _N mm.	A _E mm.	A _Z mm.	Δ km.	MÜLÂHAZAT Remarques
Nisan April 1937								
30	P _n S F	12.47.32 48.51 12.59.—	11	9	7	10	560	
Mayıs Mai 1937								
8	P _n S _n i M F	4.59.32 5. 9.32 42.18 6.32.—	16	7	6	11	8.700	
23	P̄ S F	11.58.00 58.32 12.42.—	9	87	158	164	280	
25	P̄ S F	22.20.27 20.58 22.26.—	4	2	2	3	260	
26	P̄ S F	00.53.12 53.44 1.01.—	11	5	5	5	270	
29	P _n Ri PS S F	21.24.04 24.58 25.32 21.47.—	11	28	25	20	580	
Haziran juin 1937								
8	P _n S _n F	20.12.35 17.47 20.38.—					3.400	
9	e P _n S _n PS F	00.42.35 52.55 54.05 1.45.—	10	4	6	4	9.200	Çok hafif
14	e P _n F	14.50.39 17.30.—						Eser

IV Miknatisi arzî rasatları

Rasatlara ve tashihlerine ait izahat için № 9 a müracaat edilmelidir.

Pour les explications concernant les observations et les corrections effectuées voir le № 9

Günler Dates	İnhiraf (şarka doğru) Déclinaison (Vers l'Est)			Günler Dates	Meyil I	Ufkî mürekkibe H	Şakulî mürekkibe Z
	Mayıs Mai	Haziran Juin	Temmuz Juillet				
1	—	—	1° 06',8	Mayıs Mai			
2	—	—	1.05,0				
3	1° 02',5	1° 06',0	1.04,3	12	56° 23',4	G 0,2534	G 0,3798
4	—	1.08,9	—	26	56.31,1	0,2510	0,3817
5	1.01,8	1.06,3	—	Haziran Juin			
6	1.01,5	1.05,6	—				
7	—	1.06,3	1.06,5	3	56.32,1	G 0,2528	G 0,3819
8	1.02,0	—	1.03,6	10	56.26,2	0,2549	0,3828
9	1.02,0	—	1.02,1	17	56.31,1	0,2540	0,3840
10	—	1.05,4	—	Temmuz Juillet			
11	—	1.03,8	1.01,5				
12	1.01,1	1.03,5	—	3	56.27,9	G 0,2549	G 0,3832
13	—	—	—	14	56.20,8	0,2558	0,3815
14	1.04,3	1.01,5	1.01,3	24	56.23,5	0,2540	0,3822
15	1.05,4	—	—	30	56.27,1	0,2540	0,3830
16	1.04,0	—	—				
17	1.02,5	1.00,7	—				
18	—	1.02,1	—				
19	—	—	—				
20	—	1.04,5	1.05,7				
21	1.00,5	1.03,9	1.05,7				
22	—	—	1.06,2				
23	—	—	1.01,3				
24	1.04,1	1.04,8	1.02,9				
25	—	1.05,4	1.02,6				
26	1.04,1	—	1.02,7				
27	1.07,7	1.01,6	—				
28	—	1.02,7	1.02,8				
29	1.04,5	—	1.00,0				
30	1.04,8	—	1.01,6				
31	—	1.03,8	—				